F 617a

ATLAS

von

VIER UND SECHZIG KUPFERTAFELN

ZU

Christian Gottfried Ehrenberg

über

Infusionsthierchen

Seiner Königlichen Hoheit

FRIEDRICH WILHELM

Kronprinzen von Preussen

zugeeignet.

Leipzig.

Verlag von Leopold Voss

Buchhändler der K. Akademie der Wissenschaften in St. Petersburg.

1838.

Carl Martin. del. et sc.

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I–XXV. **MONAS.** XXVI–XXXI. **UVELLA.** XXXII. **POLYTOMA.** XXXIII–XXXIV. **MICROGLENA.**

I. M. *Crepusculum* 1/2000–1/1000‴. II. M. *Termo* 1/2000–1/300‴. III. M. *Guttula* 1/192‴. IV. M. *vivipara* 1/96–1/32‴. V. M. *grandis* 1/36‴. VI. M. *bicolor* 1/120‴. VII. M. *ochracea* 1/300‴. VIII. M. *erubescens* 1/144‴. IX. M. *vinosa* 1/1000–1/300‴. X. M. *Kolpoda* 1/600‴. XI. M. *Enchelys* 1/80‴. XII. M. *Umbra* 1/200‴. XIII. M. *hyalina* 1/300–1/384‴. XIV. M. *gliscens* 1/384‴. XV. M. *ovalis* 1/300‴. XVI. M. *Mica* 1/120‴. XVII. M. *Punctum* 1/96‴. XVIII. M. *cylindrica* 1/96‴. XIX. M. *deses* 1/100‴. XX. M. *socialis* 1/142‴. XXI. M. *flavicans* 1/144‴. XXII. M. *tingens* 1/300–1/144‴. XXIII. M. *simplex* 1/144‴. XXIV. M. *inanis* 1/300‴. XXV. M. *scintillans* 1/480–1/384‴. XXVI. U. *virescens* 1/168–1/24‴. XXVII. U. *Chamaemorus* 1/240‴. XXVIII. U. *Uva* 1/400‴. XXIX. U. *Atomus* 1/576–1/288‴. XXX. U. *Glaucoma* 1/192–1/144‴. XXXI. U. *Bodo* 1/336–1/288‴. XXXII. P. *Uvella* 1/192–1/80‴. XXXIII. M. *punctifera* 1/96–1/32‴. XXXIV. M. *monadina* 1/200–1/60‴.

gez. v. Ehrenberg. Prêtre expres.t Berolini. gest. v. Weber.

I. IV. DOXOCOCCUS. V-VII. CHILOMONAS. VIII-XV. BODO. XVI.* XXII.* CRYPTOMONAS. XXIII.* PROROCENTRUM. XXIV.* LAGENELLA. XXV.* XXVII.* CRYPTOGLENA. XXVIII.* XXX.* TRACHELOMONAS. XXXI.** XXXII.** GYGES. XXXIII – XXXIV.** PANDORINA.

1. D. *Globulus* 1/72‴. II. D. *ruber* 1/144‴. III. D. *Pulvisculus* 1/100‴. IV. D. *inaequalis* 1/200‴. V. C. *Volvox* 1/120‴. VI. C. *Paramecium* 1/85‴. VII. C. *destruens* 1/72‴. VIII. B. *socialis* 1/248‴. IX. B. *vorticellaris* 1/100‴. X. B. *didymus* 1/800‴. XI. B. *saltans* 1/1000‴. XII. B. *grandis* 1/72‴. XIII. B. *intestinalis* 1/144‴. XIV. B. *Ranarum* 1/120‴. XV. B. *viridis* 1/100‴. XVI. C. *curvata* 1/48‴. XVII. C. *ovata* 1/48‴. XVIII. C. *erosa* 1/120‴. XIX. C. *cylindrica* 1/72‴. XX. C. *glauca* 1/72‴. XXI. C. *fusca* 1/125‴. XXII. C. *lenticularis* 1/144‴. XXIII. P. *micans* 1/36‴. XXIV. L. *euchlora* 1/96‴. XXV. C. *conica* 1/90‴. XXVI. C. *pigra* 1/256‴. XXVII. C. *caerulescens* 1/300‴. XXVIII. T. *nigricans* 1/44‴. XXIX. T. *volvocina* 1/72‴. XXX. T. *cylindrica* 1/84‴. XXXI. G. *Granulum* 1/96‴. XXXII. G. *bipartitus* 1/40‴. XXXIII. P. *Morum* 1/10‴. XXXIV. P. *hyalina* 1/60‴.

gez. v. Ehrenberg. gest. v. C. E. Weber.

I. II. III.

IV. V.

VI. VII.

VIII. IX.

X.

XI.

I–V. GONIUM. VI. EUDORINA. VII. SYNCRYPTA. VIII. SPHAEROSIRA. IX. SYNURA. X. CHLAMIDOMONAS. XI. UROGLENA.

I. G. *pectorale* 1/384–1/24‴. II. G. *punctatum* 1/336–1/48‴. III. G.? *tranquillum* 1/240–1/24‴. IV. G. *hyalinum* –1/96‴. V. G.? *glaucum* 1/576–1/48‴. VI. E. *elegans* –1/15‴. VII. SY. *Volvox* –1/48‴. VIII. SP. *Volvox* –1/4‴. IX. S. *Uvella* –1/16‴. X. CH. *Pulvisculus* –1/48‴. XI. U. *Volvox* –1/8‴.

ger. v. Ehrenberg. gest. v. C.E. Weber.

VOLVOX.

I. V. *Globator* – 1/3‴. II. V. *aureus* – 1/3‴. III. V. *stellatus* – 1/3‴.

gez. v. Ehrenberg. *gest. v. Weber.*

I. II. III. IV. V.

VI. VII. VIII. IX.

X. XI. XII. XIII. XIV.

XV.

XVI.

XVII.

I–III. BACTERIUM. IV–IX. VIBRIO. X. SPIROCHAETA. XI–XIII. SPIRILLUM. XIV. SPIRODISCUS. XV–XVII. CLOSTERIUM.

I. B. *triloculare* – 1/192‴. II. B. *Enchelys* – 1/240‴. III. B. *Punctum* – 1/333‴. IV. V. *Lineola* – 1/1000‴. V. V. *tremulans* – 1/288‴. VI. V. *subtilis* – 1/36‴. VII. V. *Rugula* 1/96‴. VIII. V. *prolifer* – 1/96‴. IX. V. *Bacillus* – 1/24‴. X. S. *Serpens* – 1/18‴. XI. S. *tenue* – 1/72‴. XII. S. *Undula* – 1/96‴. XIII. S. *volutans* – 1/48‴. XIV. S. *fulvus* – 1/100‴. XV. C. *Lunula* – 1/4‴. XVI. C. *moniliferum* – 1/10‴. XVII. C. *Dianae* – 1/10‴.

gez. v. Ehrenberg. *gest. v. Franz.*

CLOSTERIUM.

I. C. *acerosum* 1/4‴. II. C. *Trabecula* 1/4‴. III. C. *Digitus* 1/10‴. IV. C. *attenuatum* 1/4‴. V. C. *Cornu* 1/8‴. VI.* C. *Cylindrus* 1/36‴. VII.* C. *turgidum* 1/8‴. VIII.* C. *lineatum* 1/3‴. IX.* C. *setaceum* 1/8‴. X.* C. *rostratum* 1/4‴. XI.* C. *inaequale* 1/36‴. XII.* C. *striolatum* 1/10‴. XIII.* C. *margaritaceum* 1/18‴.

gez. v. Ehrenberg. gest. v. C. Haas.

I–IV. ASTASIA. V. AMBLYOPHIS. VI–XVI. EUGLENA. XVII. CHLOROGONIUM.

I. A. *haematodes* 1/33‴. II. A. *flavicans* 1/36‴. III. A. *pusilla* 1/72‴. IV. A. *viridis* 1/75‴. V. A. *viridis* 1/10‴. VI. E. *sanguinea* 1/20‴. VII. E. *hyalina* 1/24‴. VIII. E. *deses* 1/20‴. IX. E. *viridis* 1/24‴. X. E. *Spirogyra* 1/10‴. XI. E. *Pyrum* 1/12‴. XII. E. *Pleuronectes* 1/40‴. XIII. E. *longicauda* 1/15‴. XIV. E. *triquetra* 1/48‴. XV. E. *Acus* 1/18‴. XVI. E. *rostrata* 1/40‴. XVII. CH. *euchlorum* 1/24‴.

gez. v. Ehrenberg.

gest v. Franz.

I.

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XI.

XII.

XIII.

I–II. COLACIUM. III–VI. DISTIGMA. VII*. EPIPYXIS. VIII–IX*. DINOBRYON. X–XIII**. AMOEBA.

I. C. *vesiculosum* 1/12‴. II. C. *stentorinum* 1/96‴. III D ? *tenax* 1/20‴. IV. D. *Proteus* 1/36‴. V. D. *viride* 1/48‴. VI. D. *Planaria* 1/20‴. VII. E. *Vtriculus* 1/54‴.
VIII. D. *Sertularia* 1/48‴. IX. D. *sociale* 1/72‴. X. A. *princeps* 1/6‴. XI. A. *verrucosa* 1/20‴. XII. A. *diffluens* 1/24‴. XIII. A. *radiosa* 1/20‴.

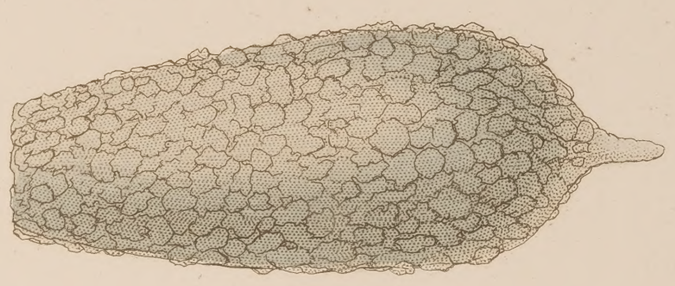
gez. v. Ehrenberg.

gest. v. C.E. Weber.

I.

II.

III.



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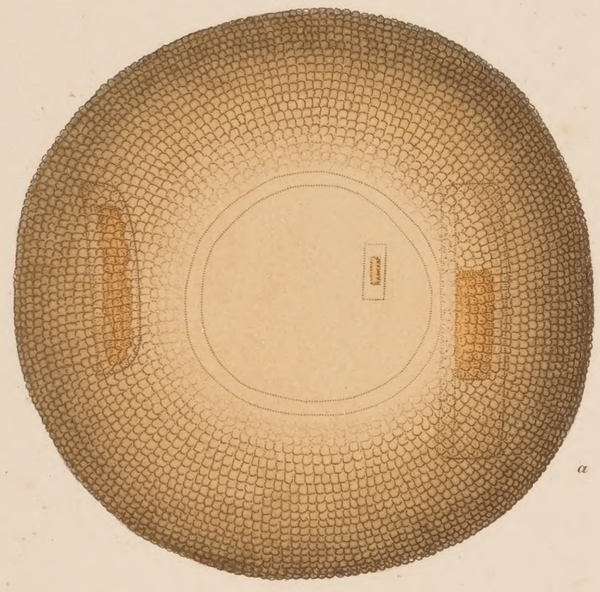

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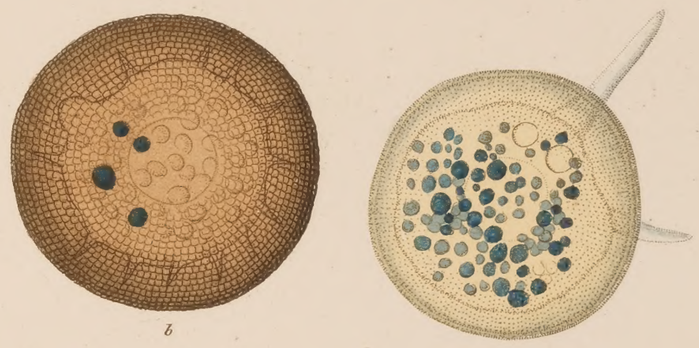

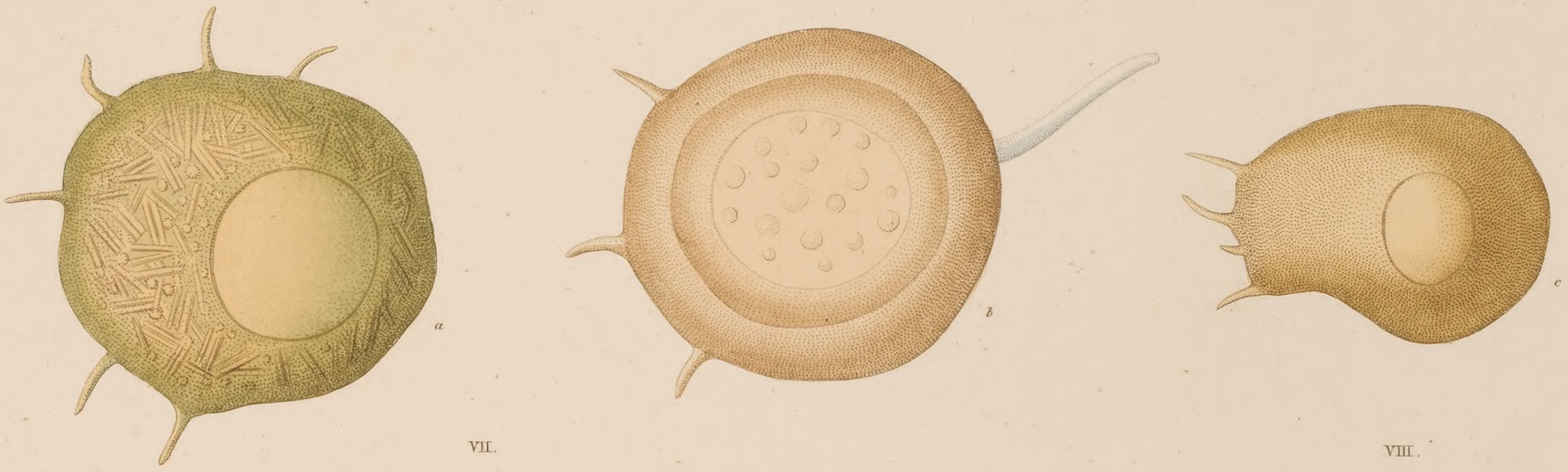

VII.

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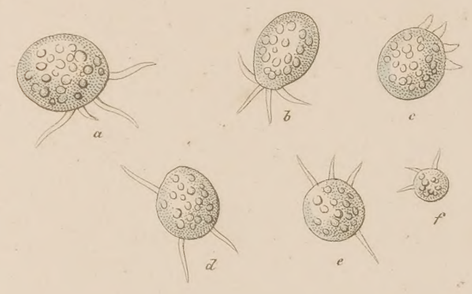


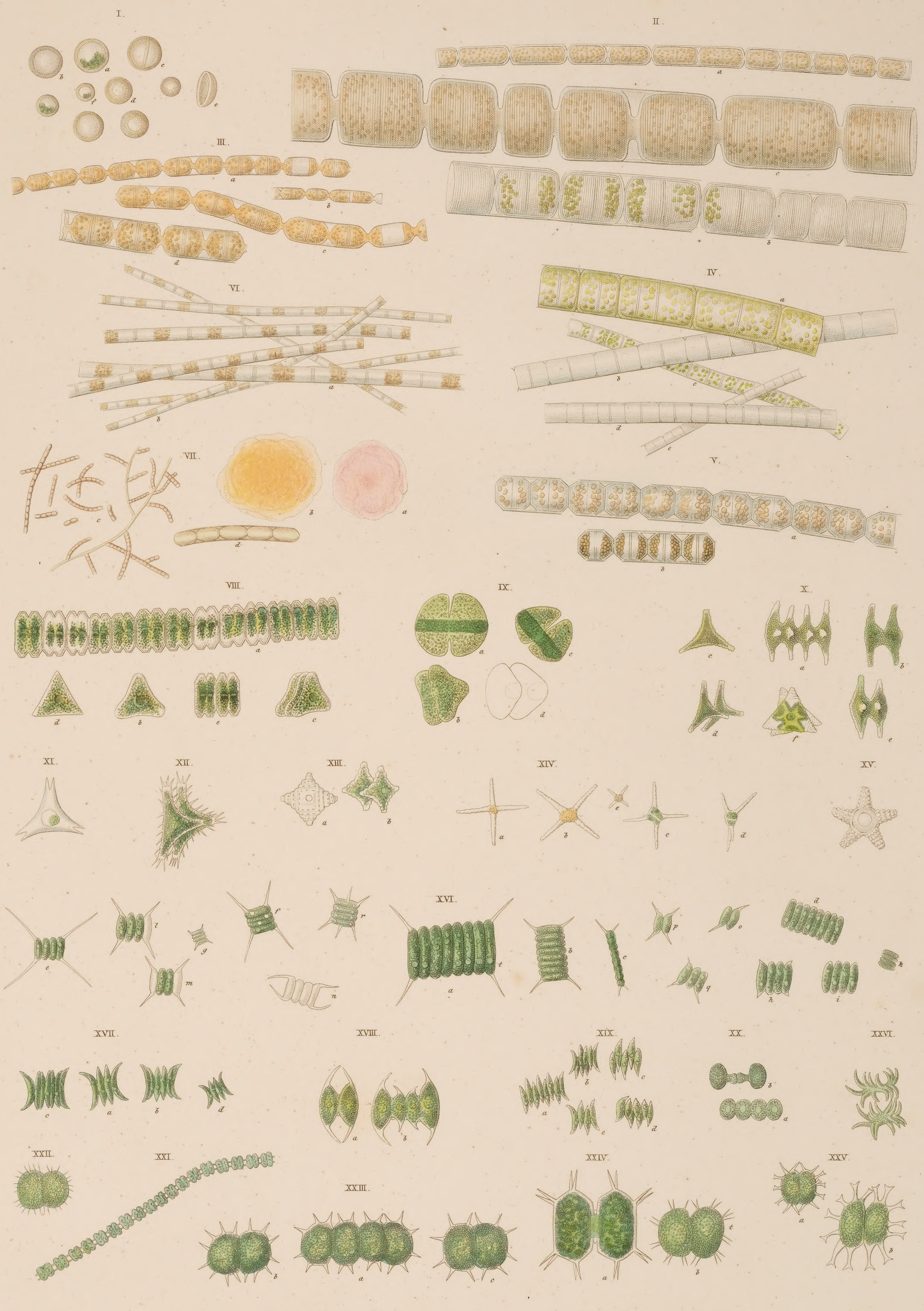
IX.

I–IV. DIFFLUGIA. V–VIII. ARCELLA. IX. CYPHIDIUM.

I. D. *proteiformis* 1/20‴. II. D. *oblonga* – 1/18‴. III. D. *acuminata* – 1/6‴. IV. D. *Enchelys* – 1/46‴. V. A. *vulgaris* – 1/10‴.
VI. A. *aculeata* – 1/18‴. VII. A. *dentata* – 1/20‴. VIII. A. *hyalina* – 1/48‴. IX. C. *aureolum* – 1/36‴.

gez. v. Ehrenberg.

gest. v. Wenker.



I. PYXIDICULA. II–VII GAILLONELLA. VIII–XII. DESMIDIUM. XIII–XIV. STAURASTRUM.
XV. PENTASTERIAS. XVI–XIX. ARTHRODESMUS. XX TESSARARTHRA. XXII–XXVI. XANTHIDIUM.

I. P. *operculata* – 1/48‴. II. G. *lineata* – 1/36‴. III. G. *nummuloides* – 1/72‴. IV. G. *varians* – 1/60‴. V. G *moniliformis* – 1/72‴. VI. G. *aurichalcea* – 1/144‴. VII. G. *ferruginea* – 1/1000‴. VIII. D. *Swarzii* 1/48‴
IX. D. *orbiculare* – 1/48‴. X. D. *hexaceros* – 1/48‴. XI. D. *bidens* – 1/48‴. XII. D. *aculeatum* – 1/48‴. XIII. ST. *dilatatum* – 1/48‴. XIV. ST. *paradoxum* – 1/48‴. XV. P. *margaritacea* – 1/45‴.
XVI. A. *quadricaudatus* – 1/48‴. XVII. A. *pectinatus* – 1/72‴. XVIII. A. *convergens* – 1/48‴. XIX. A. *acutus* – 1/48‴. XX. T. *moniliformis* – 1/144‴. XXI. T. *filiformis* – 1/68‴. XXII X. *hirsutum* – 1/36‴.
XXIII. X. *aculeatum* – 1/24‴. XXIV. X. *fasciculatum* – 1/24‴. XXV. X. *furcatum* – 1/24‴. XXVI. X. *difforme* – 1/36‴.

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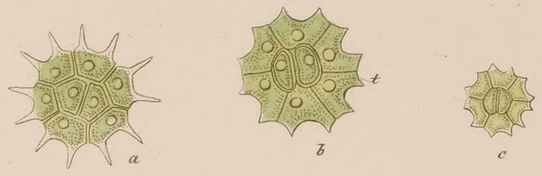
I.

III.



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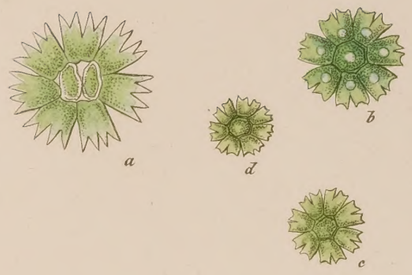

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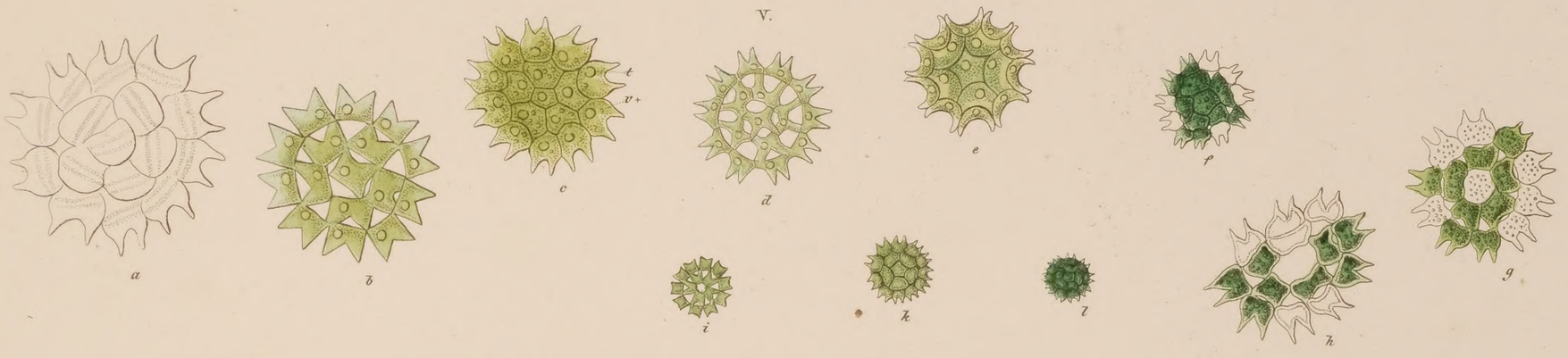

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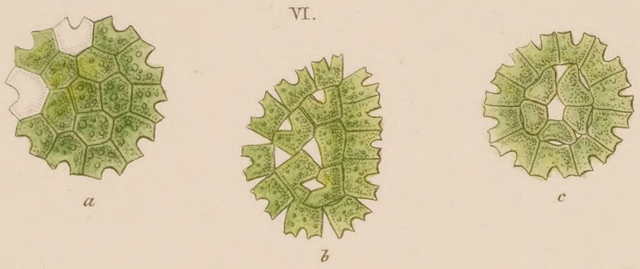

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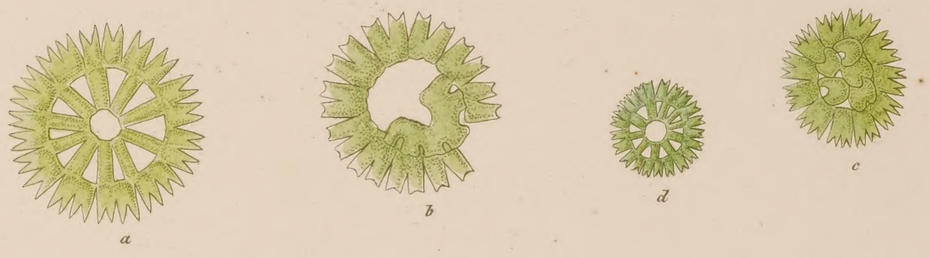

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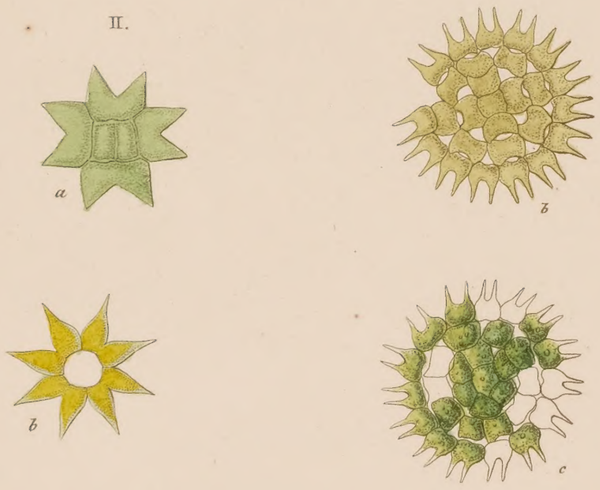

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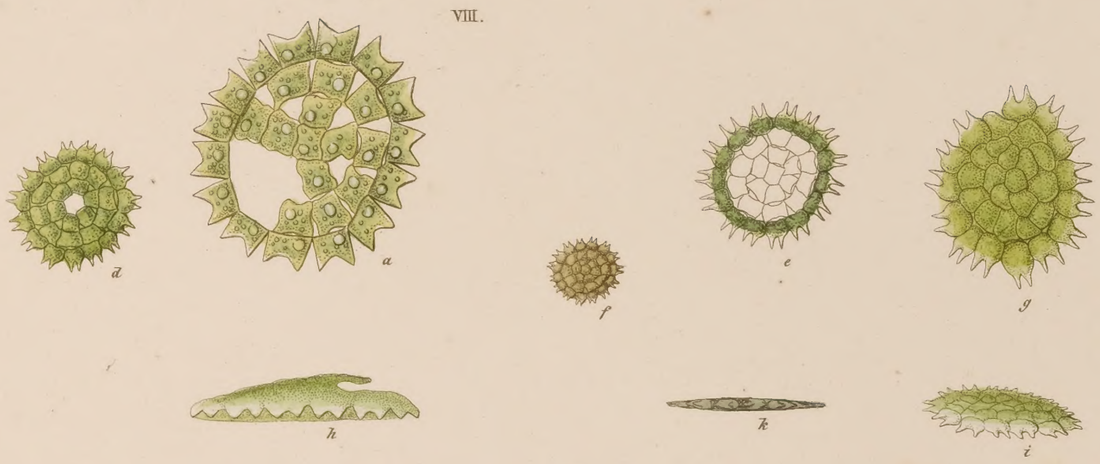

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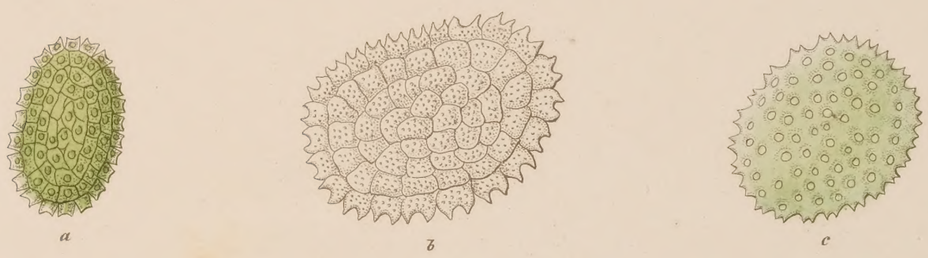

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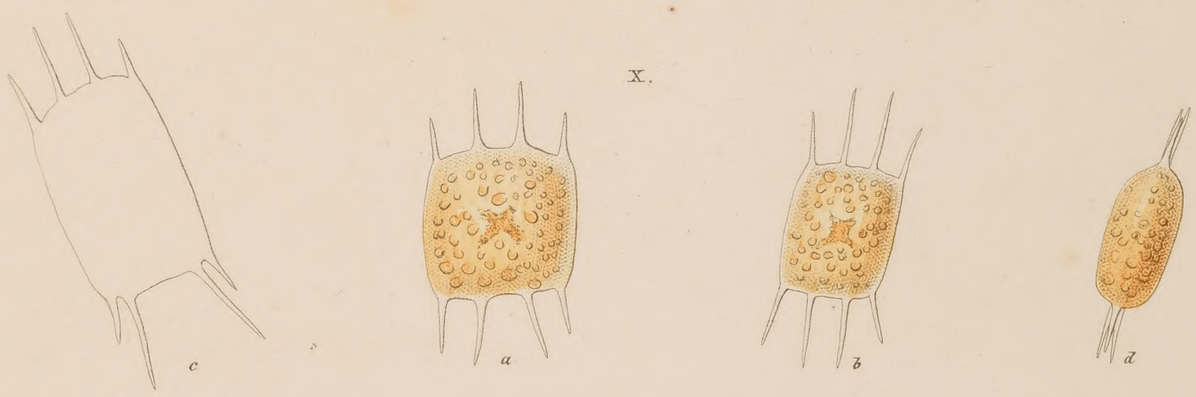

I–IX MICRASTERIAS. X MICROTHECA.

I. M. *Tetras* – 1/96‴. II. M. *Napoleonis* – 1/48‴. III. M. *hexactis* – 1/48‴. IV. M. *heptactis* – 1/48‴. V. M. *Borgiana* – 1/48‴.
VI. M. *angulosa* – 1/24‴. VII. M. *Rotala* – 1/20‴. VIII. M. *tricyclia* – 1/18‴. IX. M. *elliptica* – 1/18‴. X. M. *octoceras* – 1/12‴.

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I.

1.c.

1.a.

1.d.

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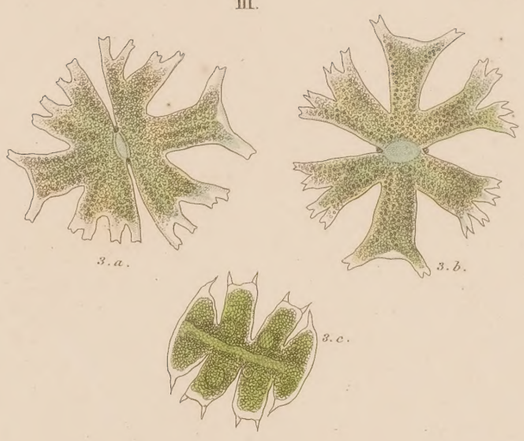
1.e.

III.



3.a.

3.b.

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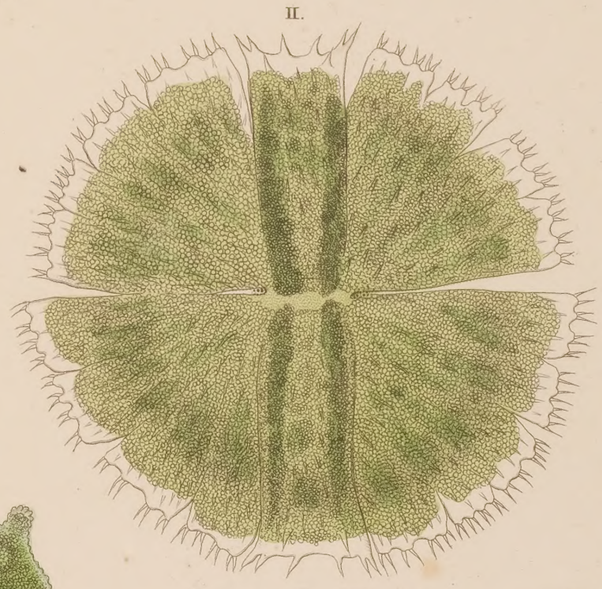
II.



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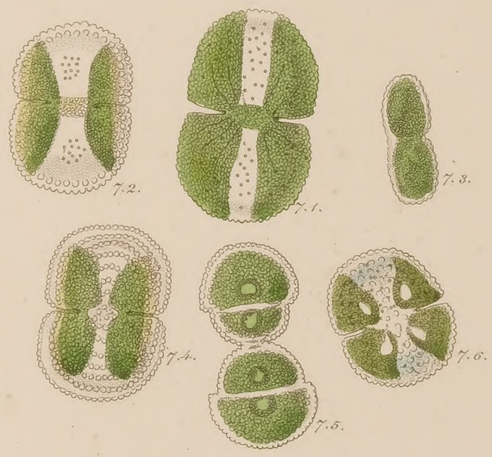

7.2.

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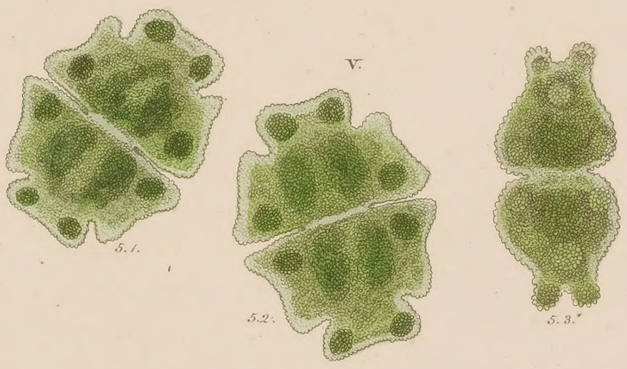
7.6.

V.

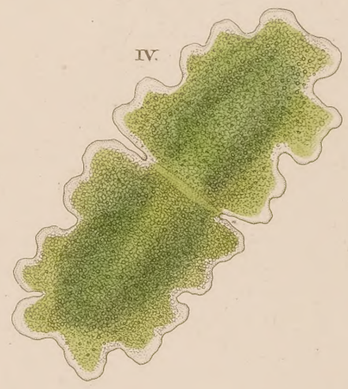


5.1.

5.2.

5.3.

IV.



VI.

6.1.

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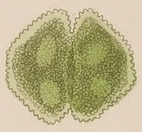
VIII.



IX.

EUASTRUM.

gez. v. Ehrenberg.

I. E. *Rota* 1/10‴. II. E. *aculeatum* 1/12‴. III. E. *Crux melitensis* 1/16‴. IV. E. *Pecten* 1/16‴. V. E. *verrucosum* 1/24‴.
VI. E. *ansatum* 1/30‴. VII E. *margaritiferum* 1/24‴. VIII. E. *augulosum* 1/60‴. IX. E. *integerrimum* 1/40‴.

gest. v. C. E. Weber.

NAVICULA.

I. N. *Phoenicenteron* 1/12‴. II. N *gracilis* 1/30‴. III. N. *pellucida* 1/12‴. IV. N. *Acus* 1/48‴. V. N. *umbonata* 1/20‴. VI. N. *fulva* 1/13‴. VII. N. *amphisbaena* 1/20‴. VIII. N. *platystoma* 1/20‴. IX. N. *nodosa* 1/36‴. X. N. *baltica* 1/6‴. XI. N. *Hippocampus* 1/6‴. XII. N. *Sigma* 1/12‴. XIII. N. *Scalprum* 1/24‴. XIV. N. *curvula* 1/36‴. XV. N. *sigmoidea* 1/8‴. XVI. N. *viridis* 1/6‴. XVII. N. *viridula* 1/30‴. XVIII. N. *inaequalis* 1/15‴. XIX. N. *gibba* 1/10‴. XX. N. *capitata* 1/48‴ XXI. N. *lanceolata* 1/24‴. XXII. N. *Librile* 1/3‴

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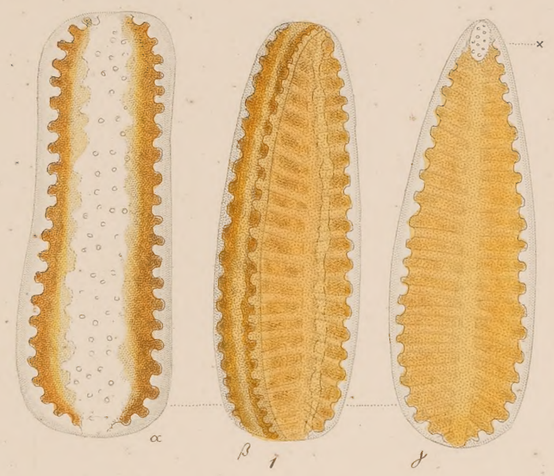
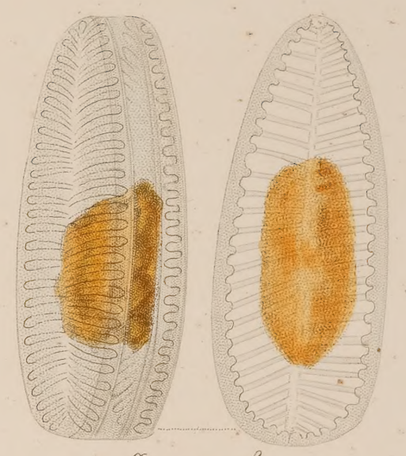


I.



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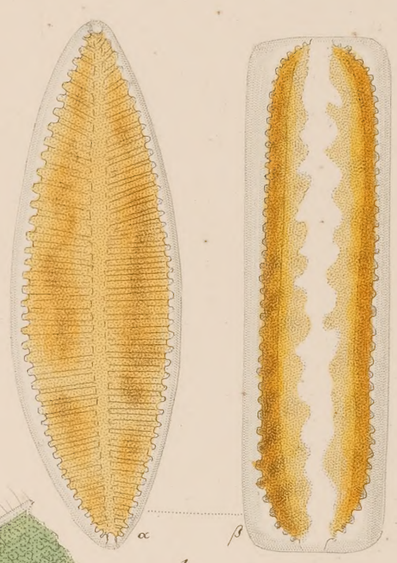
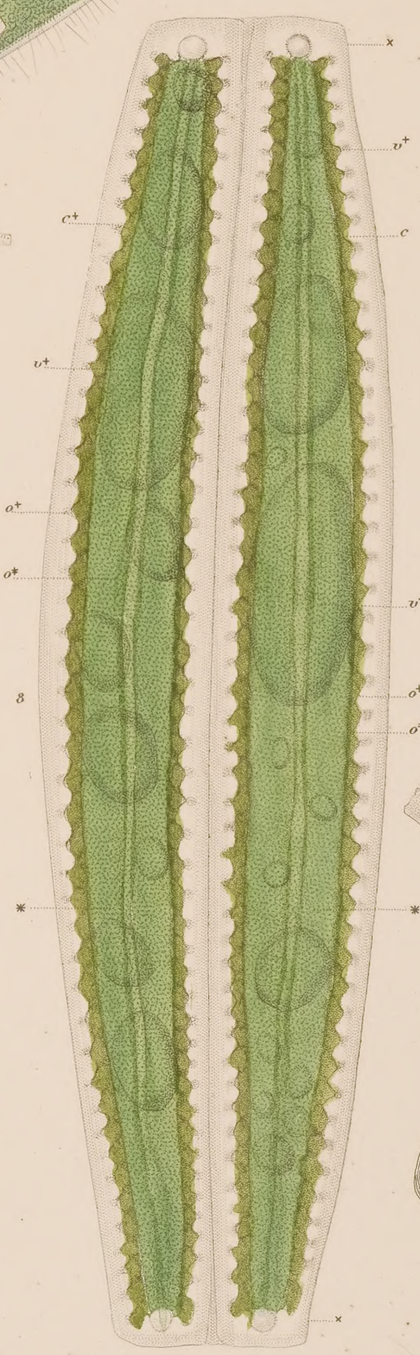
II.



IV.

V.



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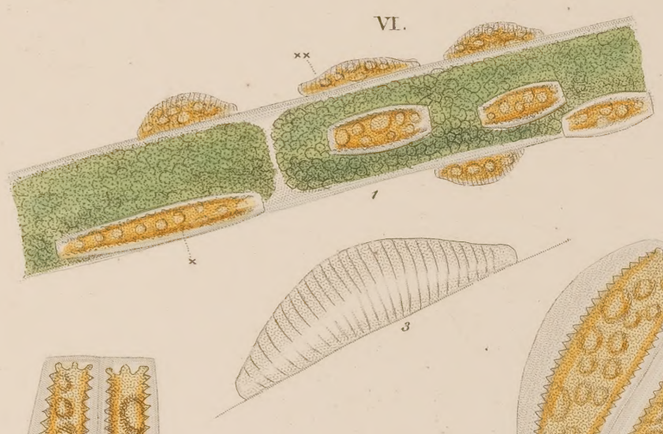
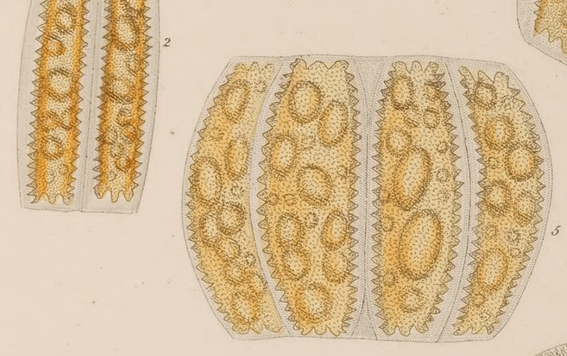
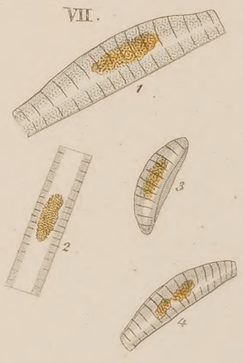




VIII.

XI.

VII.



I.VII. NAVICULA. VIII.-IX. COCCONEIS.

I. N. *splendida* - 1/10‴. II. N. *bifrons* - 1/11‴. III. N. *Amphora* - 1/36‴. IV. N. *lineolata* - 1/10‴. V. N. *turgida* - 1/20‴.
VI. N. *Westermanni* - 1/20‴. VII. N. *Zebra* - 1/24‴. VIII. C. *Scutellum* - 1/24‴. C. *undulata* - 1/36‴.

gez. v. Ehrenberg.

gest. v. C.E. Weber.

I–X. BACILLARIA. XI–XVIII. FRAGILARIA.

I. B. *paradoxa* 1/20‴. II. B. *vulgaris* 1/36‴. III. B. *Cleopatrae* 1/40‴. IV. B. *pectinalis* 1/36‴. V. B. *elongata* 1/20‴. VI. B. *cuneata* 1/96‴. VII. B. *tabellaris* 1/80‴. VIII. B. *seriata* 1/30‴. IX. B. *flocculosa* 1/120‴. X. ? B. *Ptolemaei* 1/300‴. XI. F. *grandis* 1/12‴. XII. F. *rhabdosoma* 1/18‴. XIII. F. *turgidula* 1/48‴. XIV. F. *multipunctata* 1/24‴. XV. F. *bipunctata* 1/100‴. XVI. F. *angusta* 1/48‴. XVII. F. *scalaris* 1/48‴. XVIII. F. *diophthalma* 1/96‴.

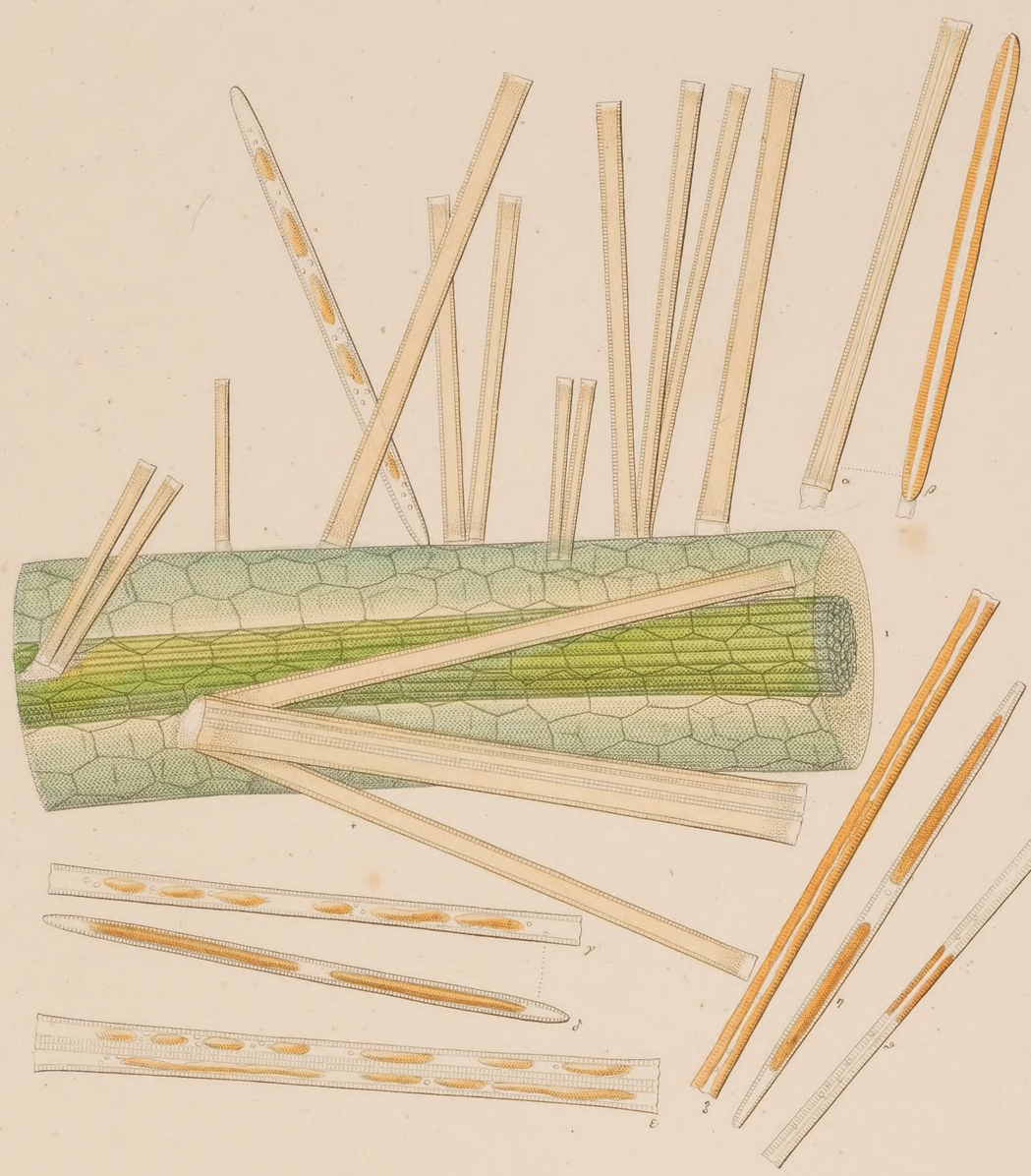
gez. v. Ehrenberg.

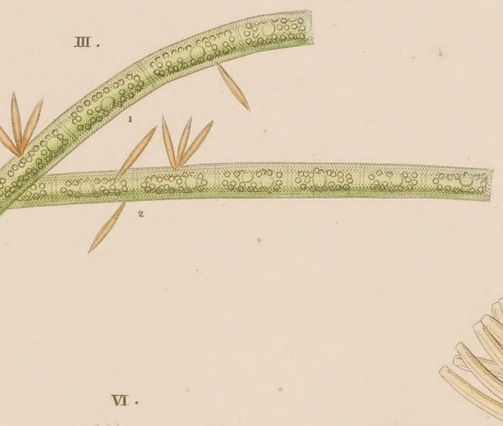
gest. v. C.E. Weber.

I. FRAGILARIA II–III. MERIDION IV. ODONTELLA V–VI. ISTHMIA.

I. F. *pectinalis* 1/36‴. II. M. *vernale* 1/20‴. III. M.? *panduriforme* 1/36‴. IV. O. *Desmidium* 1/48‴.
V. I. *obliqua* 1/8‴. VI. I. *enervis* 1/5‴.

gez. v. Ehrenberg *gest. v. C.E. Weber.*





I-V. SYNEDRA. VI-VIII. PODOSPHENIA.

I. S. *Ulna* 1/9 "'. II. S. *Gaillonii* 1/10 "'. III. S. *fasciculata* 1/12 "'. IV. S. *lunaris* 1/36 "'. V. S. *bilunaris* 1/48 "'. VI. P. *gracilis* 1/12 "'.
VII. P. *abbreviata* 1/20 "'. VIII. P. *cuneata* 1/12 "'.

I.

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IX.

GOMPHONEMA.

I. G. *truncatum* – 1/24‴. II. G. *capitatum* – 1/24‴. III. G. *gracile* – 1/40‴. IV. G. *acuminatum* – 1/36‴. V. G. *minutissimum* – 1/36‴.
VI. G. *clavatum* – 1/30‴. VII. G. *rotundatum* – 1/20‴. VIII. G. *discolor* – 1/30‴. IX. G.? *olivaceum* – 1/96‴.

gez. v. Ehrenberg. gest. v. C.E. Weber.

III.

II.

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2.2.

IV.

V.

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a

b

I.

1.2.

1.1.

a

b

1.4.

1.3.

VI.

6.2.

6.4.

6.3.

6.5.

6.1.

VII.

VIII.

1

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3

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6

7

IX.

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7.7.

7.8.

7.9.

4

5

6

7.10.

7.11.

7.12.

I–IV. ECHINELLA. V–IX. COCCONEMA.

I. E. *flabellata* 1/10‴. II. E. *splendida* 1/48‴. III. E. *abbreviata* 1/96‴. IV. E. *capitata* 1/48‴. V. C. *Boeckii* 1/18‴.
VI. C. *lanceolatum* 1/10‴. VII. C. *Cistula* 1/36‴. VIII. C. *cymbiforme* 1/18‴. IX. C. *gibbum* 1/10‴.

gez. v. Ehrenberg.

gest. v. Wenker.

BACILLARIA.

I–V. ACHNANTHES. VI. STRIATELLA. VII. TESSELLA. VIII–X. ACINETA. XI. SYNCYCLIA. XII–XV. NAUNEMA. XVI. SCHIZONEMA.

I. A. *longipes* 1/10‴. II. A. *brevipes* 1/5‴. III. A. *subsessilis* 1/36‴. IV. A. *exilis* 1/48‴. V. A. *minutissima* 1/72‴. VI. ST. *arcuata* 1/48‴. VII. T. *Catena* 1/20‴. VIII. A. *Lyngbyei* 1/36‴. IX. A. *tuberosa* 1/24‴.
X. A. *mystacina* 1/48‴. XI. S. *Salpa* 1/48‴. XII. N. *simplex* 1/48‴. XIII. N. *Dillwynii* 1/100‴. XIV. N. *Arbuscula* 1/72‴. XV. N. *balticum* 1/72‴. XVI. S. *Agardhi* 1/72‴.

gez. v. Ehrenberg.

gest. v. C.E. Weber.

BACILLARIA

T. XXI.

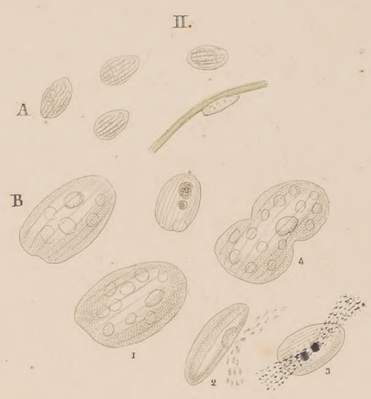
I. II. III. IV. V. VI. VII. VIII. IX. X. XI. XII. XIII. XIV. XV. XVI. XVII. XVIII. XIX. XX. XXI. XXII. XXIII. XXIV. XXV. XXVI. XXVII. XXVIII. XXIX.

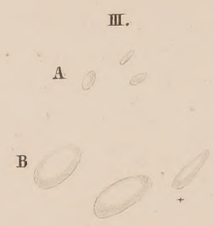
I.V. GALLIONELLA. VI.VII. ACTINOCYCLUS. VIII–XVIII. NAVICULA. XI. COCCONEÏS. XIX–XXVIII. EUNOTIA. XXIX. SYNEDRA.

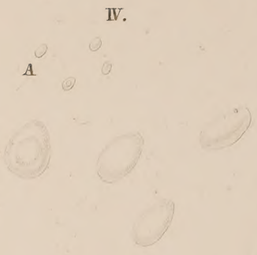
I. G. *nummuloides* 1/72‴. II. G. *varians* 1/40‴. III. G. *ferruginea* 1/800‴. IV. G. *distans* 1/72‴. V. G. *sulcata* 1/72‴. VI. A. *senarius* 1/60‴. VII. A. *octonarius* 1/48‴. VIII. N. *Trochus* 1/72‴. IX. N. *quadricostata* 1/72‴. X. N. *Arcus* 1/48‴. XI. C. *Pediculus* 1/92‴. XII. N. *viridis* 1/6‴. XIII. N. *macilenta* 1/12‴. XIV. N. *viridula* 1/24‴. XV. N. *striatula* 1/8‴. XVI. N. *undulata* 1/18‴. XVII. N. *constricta* 1/18‴. XVIII. N. *suecica* 1/48‴. XIX. E. *Zebra* 1/20‴. XX. E. *granulata* 1/12‴. XXI. E. *Faba* 1/48‴. XXII. E. *Arcus* 1/24‴. XXIII. E. *Diodon* 1/48‴. XXIV. E. *Triodon* 1/48‴. XXV. E. *Tetraodon* 1/48‴. XXVI. E. *Pentodon* 1/48‴. XXVII. E. *Diadema* 1/24‴. XXVIII. E. *Serra* 1/24‴. XXIX. S. *capitata* 1/10‴.

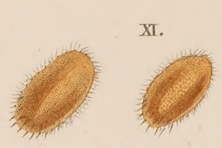
gez. v. Ehrenberg

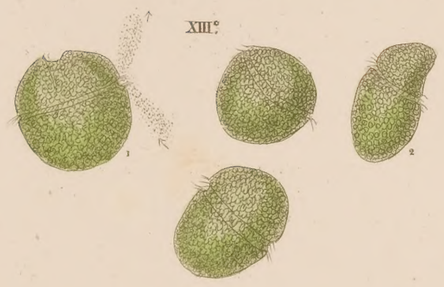
gest. v. C. E. Weber.

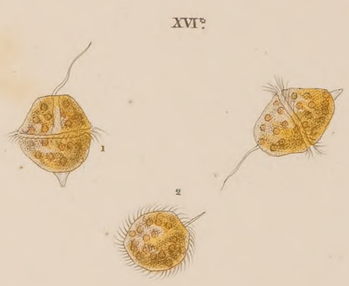


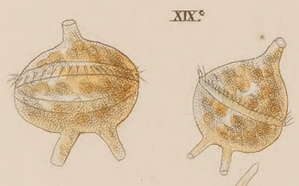


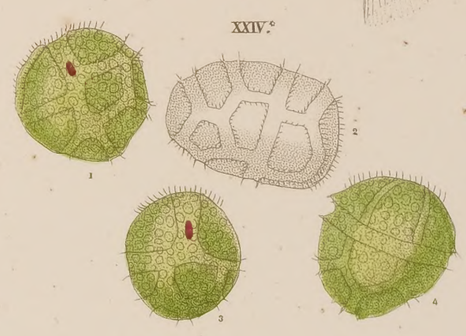












I. IV. CYCLIDIUM V. VI. CHAETOMONAS VII. IX. PANTOTRICHUM X. XI. CHAETOTYPHLA XII. CHAETOGLENA XIII–XXI. PERIDINIUM* XXII–XXIV. GLENODINIUM*.

1. C. *Glaucoma* 1/96‴. II. C. *margaritaceum* 1/84‴. III. C.? *planum* 1/220‴. IV. C.? *lendiforme* 1/265‴. V. CH. *Globulus* 1/240‴. VI. CH. *constricta* 1/430‴. VII. P. *Enchelys* 1/96‴. VIII. P. *Volvox* 1/12‴. IX. P. *Lagenula* 1/48‴. X. CH. *armata* 1/52‴. XI. CH. *aspera* 1/48‴. XII. CH. *volvocina* 1/96‴. XIII. P. *cinctum* 1/48‴. XIV. P. *Pulvisculus* 1/96‴. XV. P. *fuscum* 1/24‴. XVI. P. *acuminatum* 1/48‴. XVII. P. *cornutum* 1/12‴. XVIII. P. *Tripos* 1/12‴. XIX. P. *Michaëlis* 1/48‴. XX. P. *Fusus* 1/8‴. XXI. P. *Furca* 1/10‴. XXII. G. *cinctum* 1/48‴. XXIII. G. *tabulatum* 1/36‴. XXIV. G. *apiculatum* 1/36‴.

gez. v. Ehrenberg.

gest. v. Weber.

I.

II.

I. 4.

I. 1.

II. 1.

II. 2.

III.

III. 1.

III. 2.

III. 6.

III. 3.

III. 4.

III. 5.

I. 2.

II. 4.

II. 3.

STENTOR.

I. ST. *Mülleri* – ½‴. II. ST. *caeruleus* – ¼‴. III. ST. *niger* – ⅛‴.

gez. v. Ehrenberg. *gest. v. Wienker.*

I.

I.1.

I.2.

I.3.

I.4.

I.5.

II.

II.1.

II.2.

II.3.

II.4.

III.

IV.

V.

VI.

VII.

I.-II. STENTOR. III.-VI. TRICHODINA. VII. UROCENTRUM.

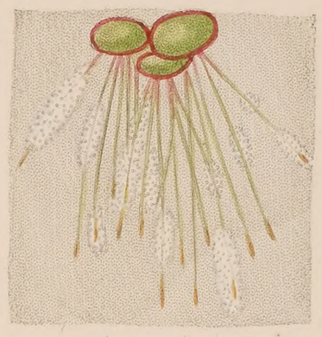
I. ST. *polymorphus* 1/3‴. II. ST. *Roeselii* 1/5. III. T. *tentaculata* 1/24‴. IV. T. *Pediculus* 1/24‴.
V. T. *vorax* 1/48‴. VI. T. *Grandinella* 1/12‴. VII. U. *Turbo* 1/24‴.

gez. v. Ehrenberg.

gest. v. Wenker.

I.

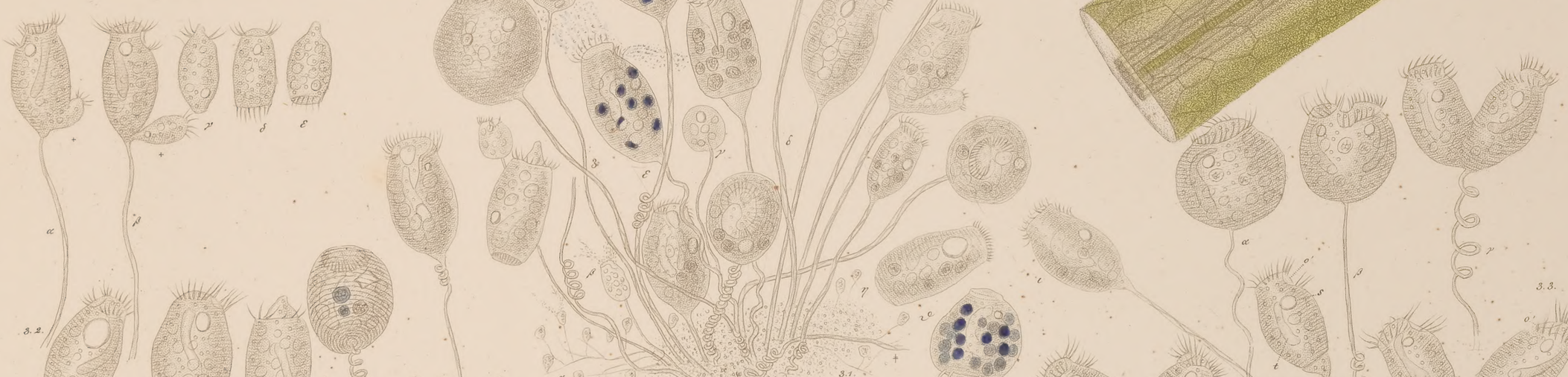
1.1.



1.2.

II.

III.



IV.

3.1.

3.2.

3.3.

3.4.

4.1.

4.2.

V.

VORTICELLA.

I. V. *nebulifera* _ 1/24‴. II. V. *citrina* _ 1/48‴. III. V. *microstoma* _ 1/20‴. IV. V. *Campanula* _ 1/10‴. V. V. *hamata* _ 1/48‴.

gez. v. Ehrenberg. *gest. v. C.E. Weber.*

I–IV. VORTICELLA. v CARCHESIUM.

I. V. *chlorostigma* 1/20‴. II. V. *patellina* 1/24‴. III. V. *Convallaria* 1/20‴. IV. V. *picta* 1/48‴.
V. C. *polypinum* 1/36‴.

gez. v. Ehrenberg. gest. v. Heer.

EPISTYLIS.

I. E. *Galea* 1/10‴. II. E. *anastatica* 1/24‴. III. E. *grandis* 1/10‴. IV. E. *Botrytis* 1/200‴. V. E.? *vegetans* 1/288‴. VI. E.? *parasitica* 1/10‴.
VII. E. *arabica* 1/36‴.

gez. v. Ehrenberg.

gest. v. Wenker.

I.

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3.1.

3.2.

3.3.

4.1.

4.2.

4.3.

EPISTYLIS.

I. E. *plicatilis* ~ 1/18‴ II. E. *flavicans* ~ 1/16‴ III. E. *leucoa* ~ 1/10‴ IV. E. *digitalis* ~ 1/20‴

gez. v. Ehrenberg.

gest. v. C.E. Weber.

II.

I. EPISTYLIS II-III. ZOOTHAMNIUM

I. E. *nutans* 1/36‴. II. Z. *Arbuscula* 1/48‴. III. Z. *niveum* 1/18‴.

gez. v. Ehrenberg.

gest. v. C.E. Weber.

I.

II.

III.

IV.

V.

VI.

VII.

VIII.

IX.

I. OPHRYDIUM. II. TINTINNUS. IV. VAGINICOLA. VII. COTHURNIA.

I. O. *versatile* 1/10‴. II. T. *inquilinus* 1/20‴. III. T. *subulatus* 1/8‴. IV. V. *tincta* 1/24‴. V. V. *crystallina* 1/48‴.
VI. V. *decumbens* 1/24‴. VII. C. *imberbis* 1/24‴. VIII. C. *maritima* 1/48‴. IX. C. *havniensis* 1/9‴.

gez. v. Ehrenberg.

gest. v. Haas.

I. II. III. IV. V. VI. VII. VIII. IX. X. XI. XII. XIII. XIV. XV. XVI. XVII. XVIII. XIX.

I–IV. ENCHELYS. V. DISOMA. VI–VIII. ACTINOPHRYS. IX. TRICHODISCUS. X. PODOPHRYA. XI–XVI. TRICHODA. XVII–XIX. LACRYMARIA.

I. E. *Pupa* 1/12‴. II. E. *Farcimen* 1/36‴. III. E. *infuscata* 1/20‴. IV. E. *nebulosa* 1/48‴. V. D. *vacillans* 1/24‴. VI. A. *Sol* 1/36‴. VII. A. *viridis* 1/24‴. VIII. A. *difformis* 1/24‴. IX. T. *Sol* 1/18‴. X. P. *fixa* 1/36‴. XI. T. *pura* 1/60‴. XII. T. *Nasamonum* 1/24‴. XIII. T. *ovata* 1/40‴. XIV. T. *aethiopica* 1/50‴. XV. T. *asiatica* 1/72‴. XVI. T. *Pyrum* 1/100‴. XVII. L. *Proteus* 1/12‴. XVIII. L. *Gutta* 1/18‴. XIX. L. *rugosa* 1/24‴.

gez. v. Ehrenberg. *gest. v. C.E. Weber.*

I–VI. **LEUCOPHRYS.** VII–IX **HOLOPHRYA.** X–XI **PRORODON.**

I. **L.** *patula* – 1/8‴. II. **L.** *Spathula* – 1/12‴. III. **L.** *sanguinea* – 1/12‴. IV. **L.** *pyriformis* – 1/24‴. V. **L.** *carnium* – 1/36‴. VI. **L.** *Anodontae* – 1/36‴.

VII. **H.** *Ovum* – 1/18‴. VIII. **H.** *discolor* – 1/20‴. IX. **H.** *Coleps* – 1/24‴. X. **P.** *niveus* – 1/6‴. XI. **P.** *teres* – 1/12‴.

gez. v. Ehrenberg.

gest. v. Gutkowski.

I-V. **COLEPS.** VI – XIII. **TRACHELIUS.**

I. C. *hirtus* – 1/36‴. II. C. *viridis* – 1/48‴. III. C. *elongatus* 1/36‴. IV. C. *amphacanthus* – 1/24‴. V. C. *incurvus* – 1/36‴. VI. T. *Anas* – 1/10‴. VII. T. *vorax* – 1/10‴. VIII. T. *Meleagris* 1/16‴. IX. T. *Lanella* – 1/24‴. X. T. *Anaticula* – 1/24‴. XI. T. *trichophorus* – 1/12‴. XII. T. *globulifer* – 1/100‴. XIII. T. *Ovum* – 1/6‴.

gez. v. Ehrenberg

gest. v. C. E. Weber.

I.

II.

III.

IV.

V.

VI.

VII.

VIII.

IX.

I–IV. LOXODES. V–IX. BURSARIA.

I. L. *Rostrum* 1/5 ‴. II. L. *Cithara* 1/18 ‴. III. L. *Bursaria* 1/24 ‴. IV. L. *plicatus* 1/36 ‴. V. B. *truncatella* 1/3 ‴. VI. B. *Vorticella* 1/9 ‴.
VII. B. *vernalis* 1/10 ‴. VIII. B. *Leucas* 1/12 ‴. IX. B. *Pupa* 1/24 ‴.

gez. v. Ehrenberg.

gest. v. Wiesker.

BURSARIA.

I. B. *vorax* $\frac{1}{9}$‴. II. B. *flava* $\frac{1}{8}$‴. III. B. *Entozoon* $\frac{1}{8}$‴. IV. B. *inteſtinalis* $\frac{1}{10}$‴. V. B. *Nucleus* $\frac{1}{18}$‴. VI. B. *cordiformis* $\frac{1}{18}$‴. VII. B. *Ranarum* $\frac{1}{8}$‴. VIII. B. *lateritia* $\frac{1}{12}$‴. IX. B. *aurantiaca* $\frac{1}{24}$‴.

gez. v. Ehrenberg. *gest. v. Wienker.*

I. II. SPIROSTOMUM. III. IV. PHIALINA. V. GLAUCOMA. VI – IX. CHILODON.

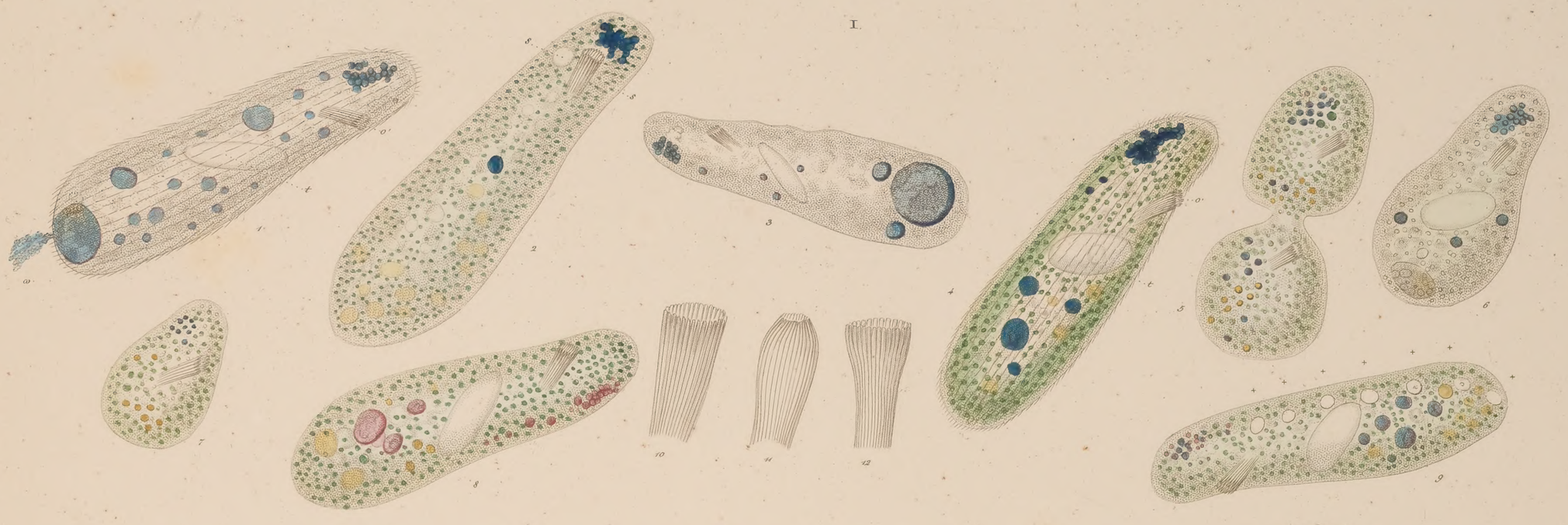
I. SP. *virens* 1/10‴. II. SP. *ambiguum* 5/6‴. III. PH. *vermicularis* 1/20‴. IV. PH. *viridis* 1/24‴. V. G. *scintillans* 1/24‴. VI. CH. *aureus* 1/12‴.

VII. CH. *Cucullulus* 1/12‴. VIII. CH. *uncinatus* 1/36‴. IX. CH. *ornatus* 1/15‴.

gez. v. Ehrenberg.

gest. v. C. Haas.

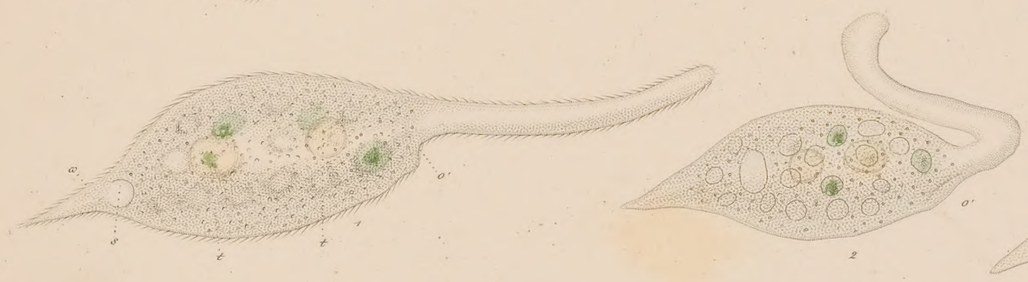
I.



II.

III.

IV.



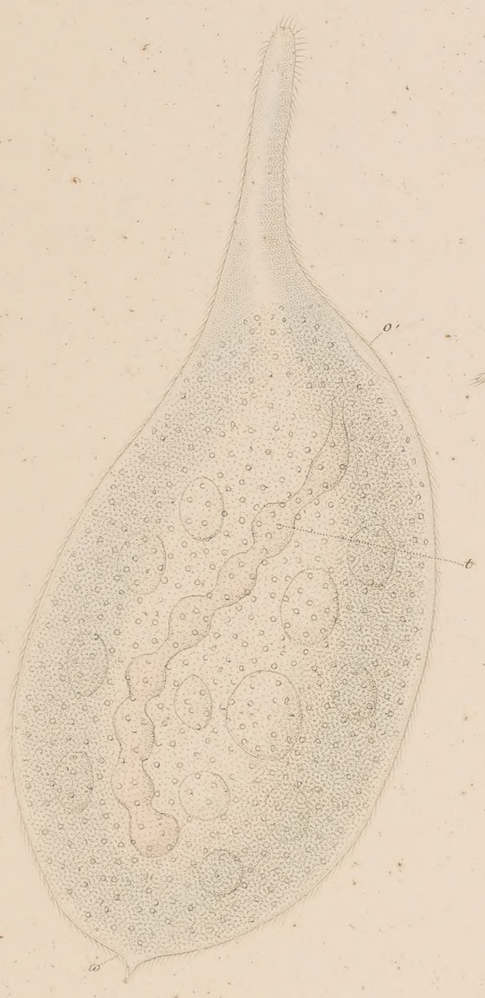
V.

I–III. NASSULA. IV–V. AMPHILEPTUS.

I. *N. elegans* 1/10‴. II. *N. ornata* 1/8‴. III. *N. aurea* 1/10‴. IV. *A. Anser* 1/10‴. V. *A. margaritifer* 1/6‴.

gez. v. Ehrenberg. *gest. v. C.E. Weber.*

I.



II.

III.

IV.

V.

VI.

VII.

VIII.

IX.

I.–VI. AMPHILEPTUS. VII.–IX. TRACHELOCERCA.

I. A. *moniliger* 1/6‴. II. A. *viridis* 1/8‴. III. A. *fasciola* 1/12‴. IV. A. *Meleagris* 1/6‴. V. A. *longicollis* 1/8‴. VI. A. *papillosus* 1/6‴.

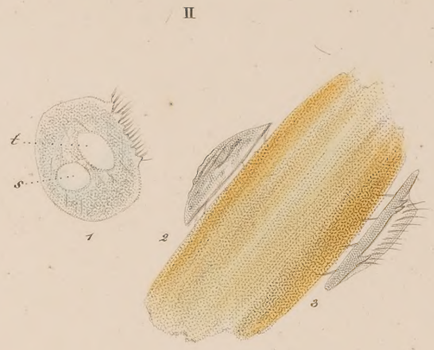
VII. T. *Olor* 1/3‴. VIII. T. *viridis* 1/10‴. IX. T. *biceps* 1/15‴.

gez. v. Ehrenberg.

gest. v. C. H. Weber.

I.

II.



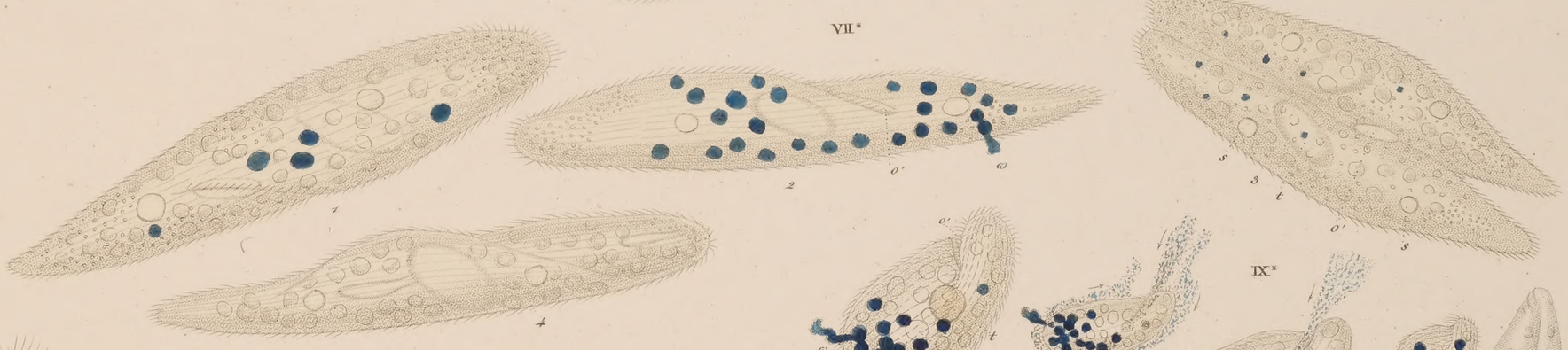
III.*

IV.*

V.*

VI.*

VII.*



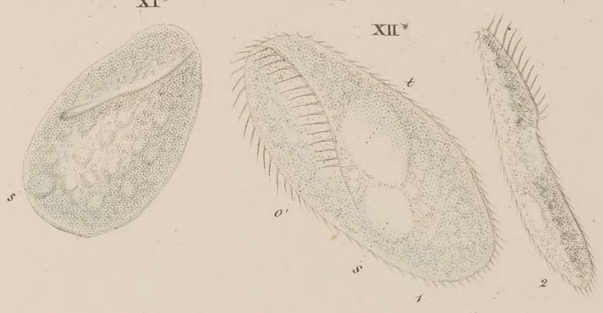
VIII.*

IX.*

X.*

XI.*

XII.*



XIII.*

I–II. ASPIDISCA. III*–V*. KOLPODA. VI*–XIII*. PARAMECIUM.

I. A. *Lynceus* 1/48‴. II. A. *denticulata* 1/48‴. III. K.? *Ren* 1/24‴. IV. K.? *Cucullio* 1/75‴. V. K. *Cucullus* 1/24‴. VI. P. *Aurelia* 1/10‴. VII. P. *caudatum* 1/10‴. VIII. P. *Chrysalis* 1/16‴.

IX. P. *Kolpoda* 1/20‴. X. P.? *sinaiticum* 1/24‴. XI. P. *ovatum* 1/24‴. XII. P. *compressum* 1/18‴. XIII. P. *Milium* 1/96‴.

gez. v. Ehrenberg.

gest. v. C.E. Weber.

I–V. **UROLEPTUS.** VI–VIII. **OPHRYOGLENA.** IX–XI.* **OXYTRICHA.**

I. **U.** *Piscis* 1/12‴. II. **U.** *Musculus* 1/18‴. III. **U.** *Hospes* 1/20‴. IV. **U.** *Lamella* 1/18‴. V. **U.** *Filum* 1/4‴. VI. **O.** *atra* 1/15‴. VII. **O.** *acuminata* 1/15‴. VIII. **O.** *flavicans* 1/12‴.

IX.* **O.** *rubra* 1/10‴. X.* **O.** *Pellionella* 1/24‴. XI.* **O.** *caudata* 1/10‴.

gez. v. Ehrenberg. *gest. v. C.B. Weber.*

I.

II.

III.

IV.

V.

VI.

VII.

VIII.

IX.

I–V. OXYTRICHA. VI. CERATIDIUM. VII. KERONA. VIII. UROSTYLA. IX. STYLONYCHIA.

I. O. *euryst oma* – 1/20‴. II. O. *gibba* – 1/20‴. III. O. *Pullaster* – 1/36‴. IV. O. *Cicada* – 1/72‴. V. O. *Lepus* – 1/8‴. VI. C. *cunea*, *tum* – 1/36‴. VII. K. *Polyporum* – 1/12‴. VIII. U. *grandis* – 1/8‴. IX. ST. *Mytilus* – 1/8‴.

gez. v. Ehrenberg. *gest. v. C. Haas.*

I–V. STYLONYCHIA. VI. DISCOCEPHALUS. VII*. HIMANTOPUS. VIII. CHLAMIDODON. IX*–XVII. EUPLOTES.

I. ST. *pustulata* 1/12‴. II. ST. *Silurus* 1/18‴. III. ST. *appendiculata* 1/24‴. IV. ST. *Histrio* 1/18‴. V. ST. *lanceolata* 1/10‴. VI. D. *rotatorius* 1/32‴. VII. H. *Charon* 1/15‴. VIII. CH. *Mnemosyne* 1/20‴.
IX. E. *Patella* 1/18‴. X. E. *Charon* 1/24‴. XI. E. *striatus* 1/20‴. XII. E. *appendiculatus* 1/20‴. XIII. E. *truncatus* 1/20‴. XIV. E.? *monostylus* 1/24‴.
XV. E.? *aculeatus* 1/36‴. XVI. E.? *turritus* 1/36‴. XVII. E.? *Cimex* 1/24‴.

gez. v. Ehrenberg.

gest. v. C. F. Weber.

ICHTHYDINA. OECISTINA*.

T. XLIII.

I. PTYGURA. II. ICHTHYDIUM. III–V. CHAETONOTUS. VI. GLENOPHORA.
VII.* OECISTES. VIII.* CONOCHILUS.

I. PT. *Melicerta* – 1/12‴. II. I. *Podura* – 1/12‴. III. CH. *maximus* – 1/10‴. IV. CH. *Larus* – 1/18‴. V. CH. *brevis* – 1/36‴. VI. G. *Trochus* – 1/48‴. VII.* OE. *hyalinus* – 1/12‴. VIII.* C. *Volvox* – 1/8‴.

gez. v. Ehrenberg. *gest. v. C. Haas.*

II.

I.

III.

IV.

I⁺. MICROCODON. II⁺. CYPHONAUTES. III⁺. MEGALOTROCHA. IV⁺⁺. LACINULARIA.

I. M. *Clavus* 1/48‴. II. C. *compressus* 1/3‴. III. M. *flavicans* 1/3‴. IV. L. *socialis* 1/3‴.

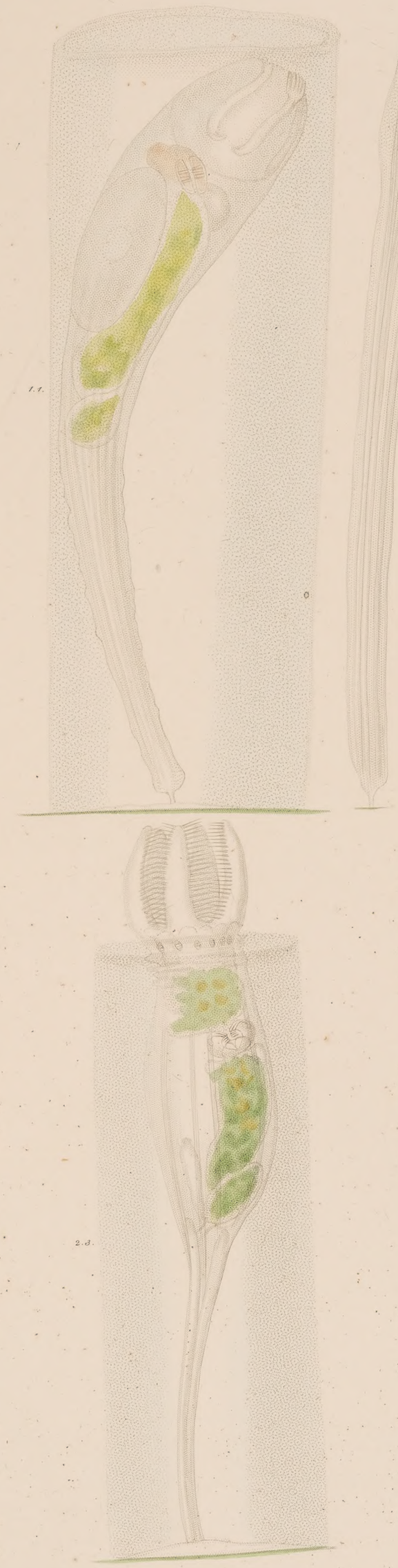
gez. v. Ehrenberg. *gest. v. Weber.*

I.

II.

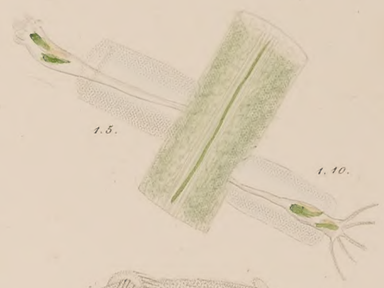
1.4.

1.3.


1.1.

1.2.

ω


1.5.

1.10.

1.6.

2.4.

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2.1.

ω

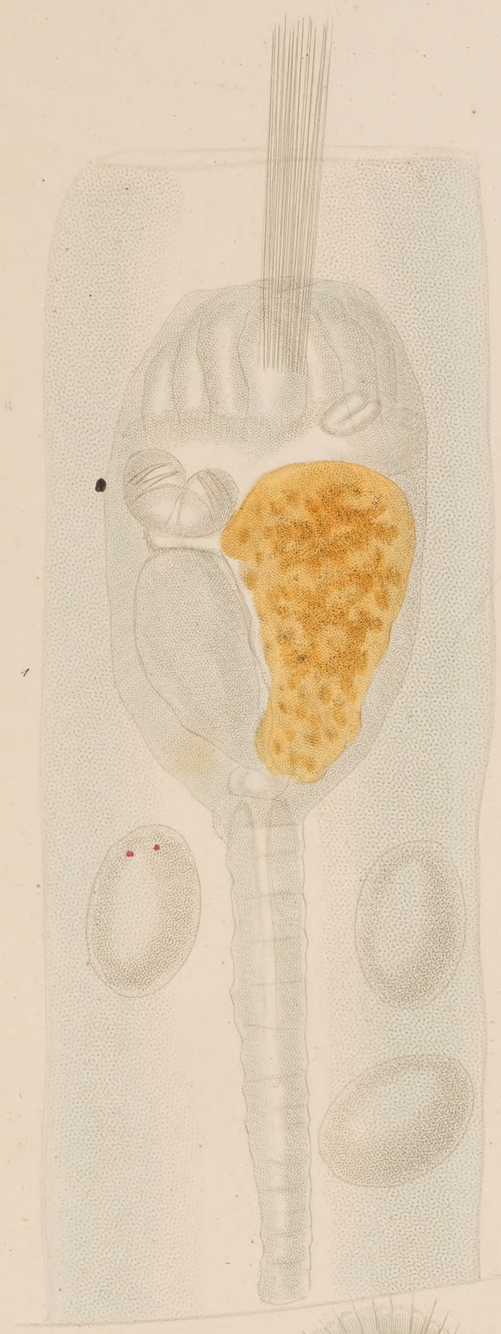
2.2.

2.3.

I. TUBICOLARIA. II. STEPHANOCEROS.

I. T. *Najas* 1/3‴. II. ST. *Eichhornii* 1/3‴.

gez. v. Ehrenberg. gest. v. C.E. Weber.



I–II. FLOSCULARIA. III. MELICERTA. IV. LIMNIAS.

I. F. *proboscidea* – 2/3‴. II. F. *ornata* – 1/9‴. III. M. *ringens* – 1/3‴. IV. L. *Ceratophylli* – 2/3‴.

gez. v. Ehrenberg. *gest. v. C.E. Weber.*

II.

I. ENTEROPLEA. II–III. HYDATINA. IV. PLEUROTROCHA.

I. E. *Hydatina* – 1/10‴. II. H. *lenta* – 1/4‴. III. H. *brachydactyla* – 1/12‴. IV. P. *gibba* – 1/18‴.

gez. v. Ehrenberg.

gest. v. C. E. Weber.

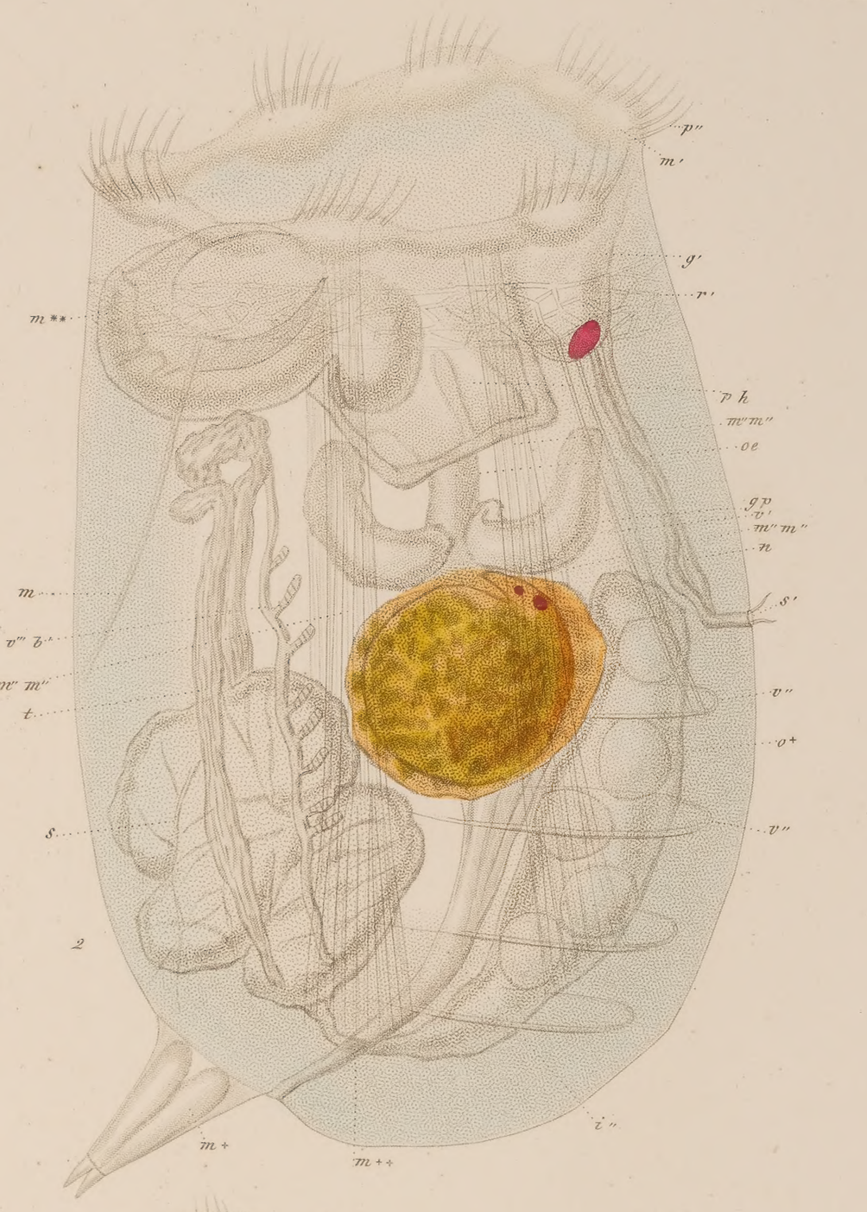
I–II. PLEUROTROCHA. III–VI. FURCULARIA. VII–IX. MONOCERCA.

I. P. *constricta* – 1/12‴. II. P. *leptura* – 1/12‴. III. F. *gibba* – 1/8‴. IV. F. *Reinhardti* – 1/10‴. V. F. *Forficula* – 1/10‴. VI. F. *gracilis* – 1/15‴. VII. M. *Rattus* – 1/6‴.

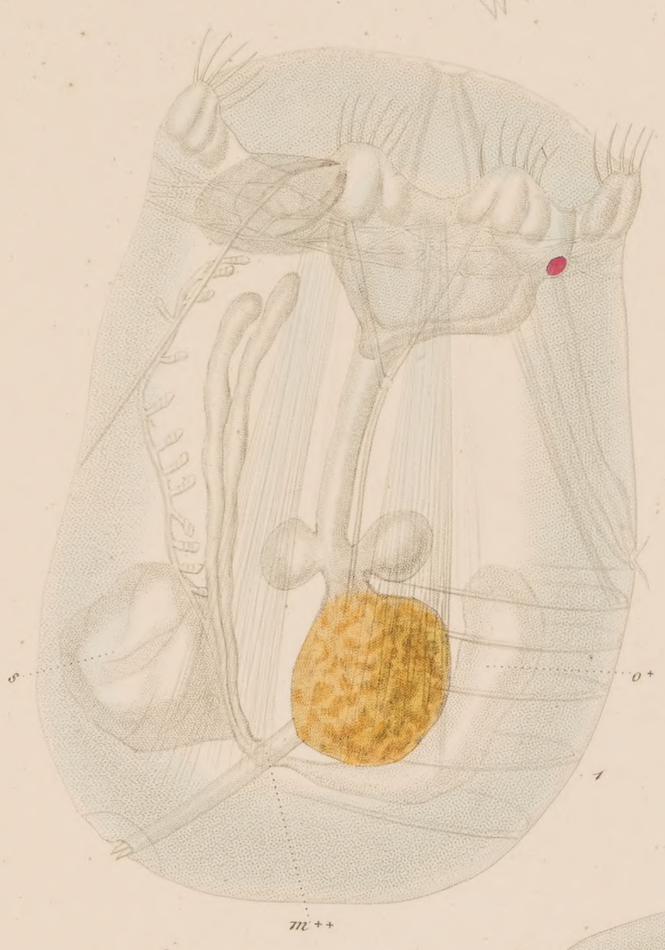
VIII. M. *bicornis* – 1/6‴. IX. M. *valga* – 1/36‴.

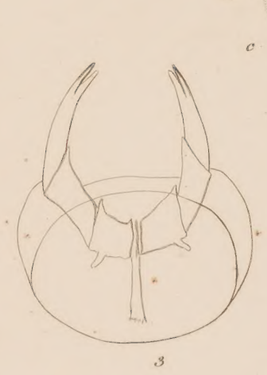
gez. v. Ehrenberg. *gest. v. Guinand.*

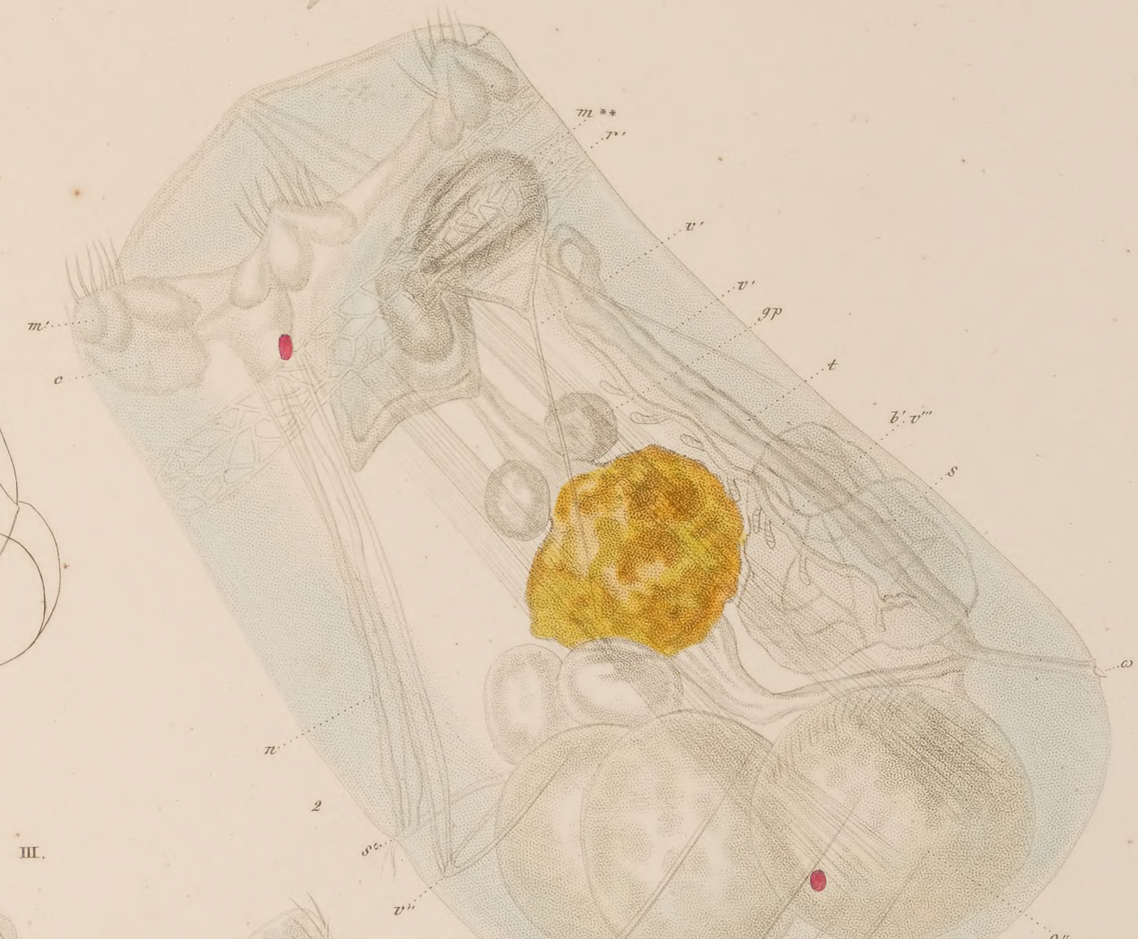
I.



II.







III.

NOTOMMATA.

I. N. *Myrmeleo* 1/3‴. II. N. *Syrinx* 1/3‴. III. N. *Tuba* 1/4‴.

gez. v. Ehrenberg.

gest. v. C.E. Weber.

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VIII.

NOTOMMATA.

I. N. *Paralita* – 1/12‴. II. N. *granularis* – 1/24‴. III. N. *Brachionus* – 1/8‴. IV. N. *Tripus* – 1/18‴. V. N. *clavulata* – 1/8‴. VI. N. *hyptopus* – 1/6‴. VII. N. *Petromyzon* – 1/15‴. VIII. N. *laccigera* – 1/12‴.

gez. v. Ehrenberg.

gest. v. C. E. Weber.

NOTOMMATA.

I. N. *Copeus* 1/3‴. II. N. *centrura* 1/3‴. III. N. *brachyota* 1/10‴. IV. N. *lacinulata* 1/2‴. V. N. *forcipata* 1/5‴.

gez. v. Ehrenberg.

gest. v. C. E. Weber.

II.

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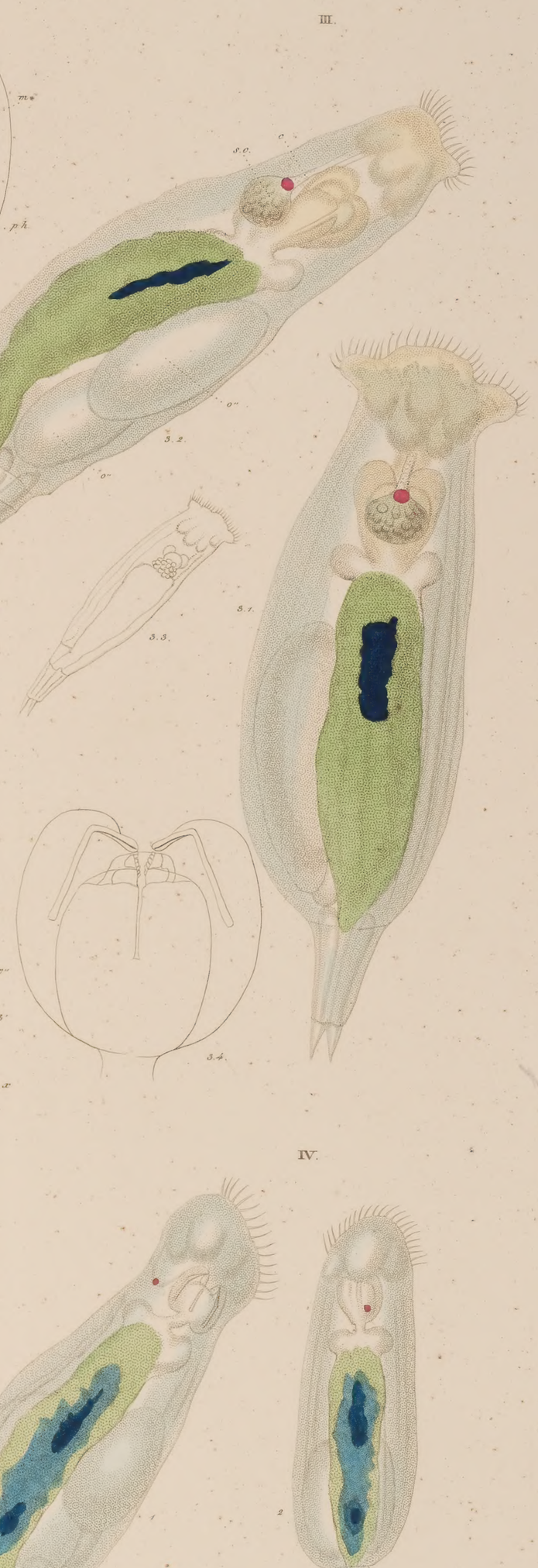
III.



V.

IV.

VI.

VII.

NOTOMMATA.

I. N. *collaris* 1/4‴. II. N. *Najas* 1/10‴. III. N. *aurita* 1/10‴. IV. N. *gibba* 1/12‴. V. N. *ansata* 1/8‴. VI. N. *decipiens* 1/15‴. VII. N. *Felis* 1/20‴.

Gez. v. Ehrenberg.

gest. v. C.E. Weber.

I.

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V.

VI.

VII.

I–III. **NOTOMMATA** IV–VII. **SYNCHAETA.**

I. N. *Tigris* – 1/10‴. II. N. *longiseta* – 1/8‴. III. N. *aequalis* – 1/10‴. IV. S. *pectinata* – 1/10‴. V. S. *balti*„ *ca* – 1/9‴. VI. S. *oblonga* – 1/8‴. VII. S. *tremula* – 1/10‴.

gez. v. Ehrenberg.

gest. v. C. E. Weber.

I.

II.

III.

IV.

V.

1. SCARIDIUM. II–III. POLYARTHRA. IV–V. DIGLENA.

1. S. *longicaudum* – 1/16‴. II. P. *Trigla* – 1/12‴. III. P. *platyptera* – 1/12‴. IV. D. *lacustris* – 1/16‴. V. D. *grandis* – 1/6‴.

gez. v. Ehrenberg. gest. v. C. H. Weber.

I.

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V.

VI.

VII.

VIII.

I–VI. DIGLENA. VII–VIII. TRIARTHRA.

I. D. *forcipata* – 1/8‴. II. D? *aurita* – 1/12‴. III. D. *catellina* – 1/18‴. IV. D. *conura* – 1/12‴. V. D. *capitata* – 1/18‴.
VI. D. *caudata* – 1/10‴. VII. T. *longiseta* – 1/4‴. VIII. T. *mystacina* – 1/12‴.

gez. v. Ehrenberg.

gest. v. C. E. Weber.

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XII.

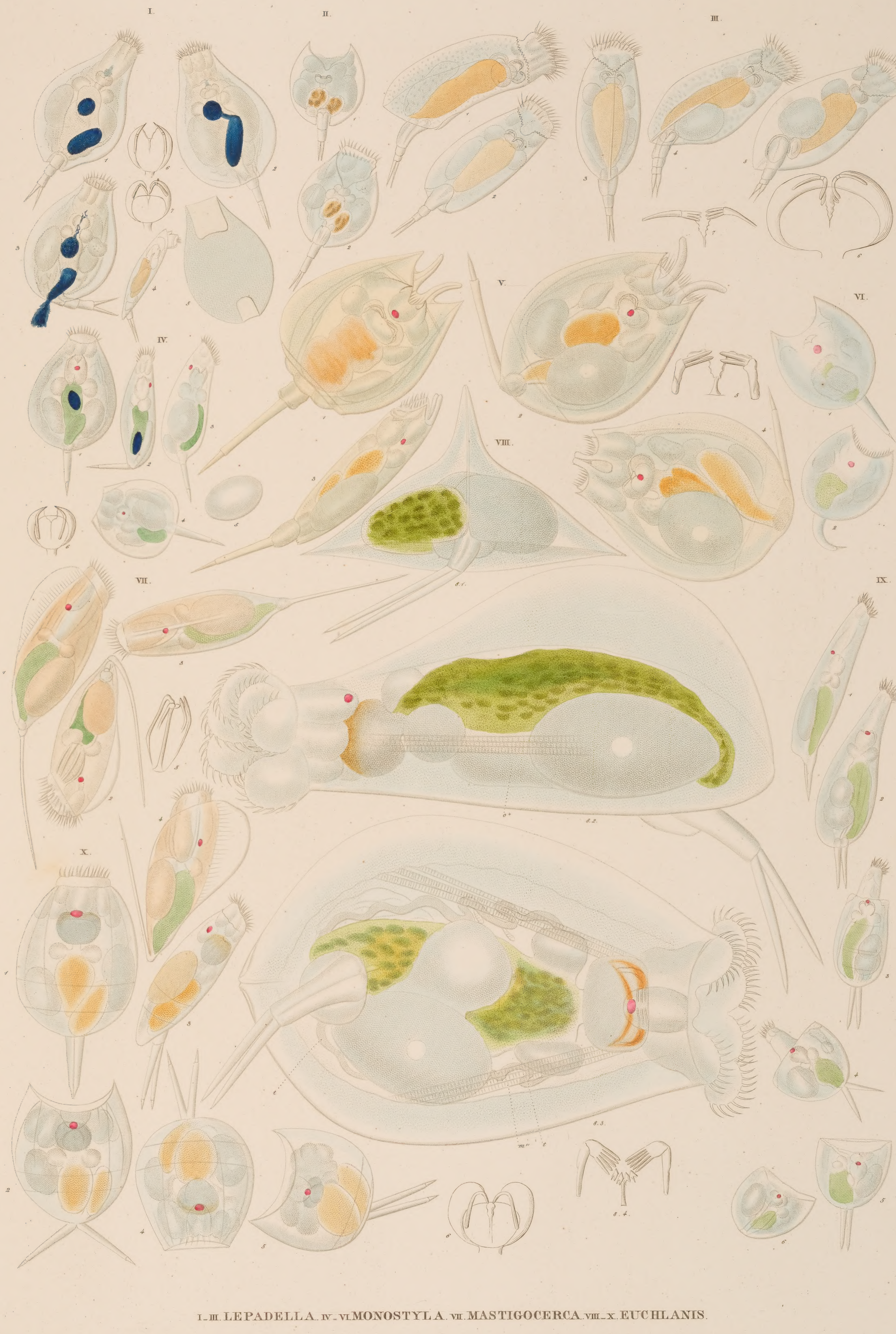
XIII.

I. RATTULUS. II–V. DISTEMMA. VI. TRIOPHTHALMUS. VII–IX. EOSPHORA.
X–XI. CYCLOGLENA. XII–XIII. THEORUS.

I. R. *lunaris* – 1/24‴. II. D. *Forficula* – 1/10‴. III. D. *setigerum* – 1/18‴. IV. D. *marinum* – 1/12‴. V. D. *forcipatum* – 1/20‴.
VI. T. *dorsualis* – 1/3‴. VII. E. *Najas* – 1/8‴. VIII. E. *digitata* – 1/8‴. IX. E. *elongata* – 1/6‴. X. C. *Lupus* – 1/10‴.
XI. C? *elegans* – 1/16‴. XII. TH. *vernalis* – 1/10‴. XIII. TH. *uncinatus* – 1/20‴.

gez. v. Ehrenberg.

gest. v. Haas.



I–III. LEPADELLA. IV–VI. MONOSTYLA. VII. MASTIGOCERCA. VIII–X. EUCHLANIS.

I. L. *ovalis* 1/20‴. II. L. *emarginata* 1/18‴. III. L.? *Salpina* 1/18‴. IV. M. *cornuta* 1/20‴. V. M. *quadridentata* 1/12‴. VI. M. *lunaris* 1/12‴. VII. M. *carinata* 1/12‴.

VIII. E. *triquetra* 1/4‴. IX. E. *Hornemanni* 1/20‴. X. E. *Luna* 1/12‴.

gez. v. Ehrenberg. *gest. v. Guinand.*

I.

II.

III.

IV.

V.

VI.

VII.

VIII.

IX.

I–III. EUCHLANIS. IV–IX. SALPINA.

I. E. *macrura* – 1/8‴. II. E. *dilatata* – 1/8‴. III. E ? *Lynceus* – 1/18‴. IV. S. *mucronata* – 1/12‴. V. S. *Spinigera* – 1/12‴.
VI. S. *ventralis* – 1/12‴. VII. S. *reduncа* – 1/12‴. VIII. S. *brevispina* – 1/12‴. IX. S. *bicarinata* – 1/18‴.

gez. v. Ehrenberg.

gest. v. C. Haas.

I. II. III. IV. V. VI. VII. VIII. IX. X. XI. XII. XIII. XIV. XV. XVI. XVII.

I–III. DINOCHARIS. IV–V. MONURA. VI–IX. COLURUS. X–XII. METOPIDIA. XIII–XV. STEPHANOPS. XVI–XVII. SQUAMELLA.

I. D. *Pocillum* – 1/10‴. II. D. *tetractis* – 1/10‴. III. D. *paupera* – 1/10‴. IV. M. *Colurus* – 1/24‴. V. M. *dulcis* – 1/24‴. VI. C. *uncinatus* – 1/36‴. VII. C. *bicuspidatus* – 1/24‴. VIII. C. *caudatus* – 1/24‴. IX. C. *deflexus* – 1/20‴. X. M. *Lepadella* – 1/12‴. XI. M. *acuminata* – 1/20‴. XII. M? *triptera* – 1/12‴. XIII. ST. *lamellaris* – 1/12‴. XIV. ST? *muticus* – 1/12‴. XV. ST. *cirratus* – 1/20‴. XVI. SQ. *Bractea* – 1/12‴. XVII. SQ. *oblonga* – 1/18‴.

gez. v. Ehrenberg. gest. v. C. E. Weber.

I. **CALLIDINA**. II. **HYDRIAS**. III. **TYPHLINA**. IV–VIII. **ROTIFER**.

I. **C.** *elegans* 1/6‴. II. **H.** *cornigera* 1/16‴. III. **T.** *viridis* 1/60‴. IV. **R.** *vulgaris* 1/2‴. V. **R.** *citrinus* 1/2‴. VI. **R?** *erythraeus* 1/20‴.

VII. **R.** *macrurus* 1/3‴. VIII. **R.** *tardus* 1/6‴.

gez. v. Ehrenberg. *gest. v. Guinard.*

PHILODINAEA.

I.

II.

III.

IV.

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VI.

VII.

VIII.

IX.

X.

I. ACTINURUS. II–III. MONOLABIS. IV–X. PHILODINA.

I. A. *neptunius* – 1/3‴. II. M. *conica* – 1/10‴. III. M. *gracilis* – 1/12‴. IV. PH. *erythrophthalma* – 1/4‴. V. PH. *roseola* – 1/6‴. VI. PH. *collaris* – 1/10‴. VII. PH. *macroftyla* – 1/6‴. VIII. PH. *citrina* – 1/6‴. IX. PH. *aculeata* – 1/6‴. X. PH. *megalotrocha* – 1/9‴.

gest. v. Guinard.

gez. v. Ehrenberg.

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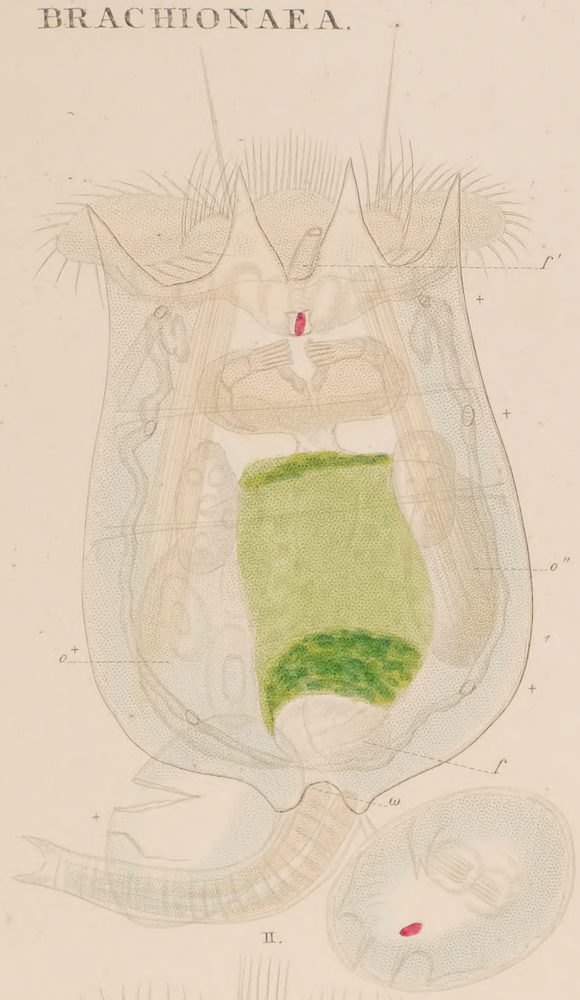
XIV.

XV.

I. NOTEUS. II–XV. ANURAEA.

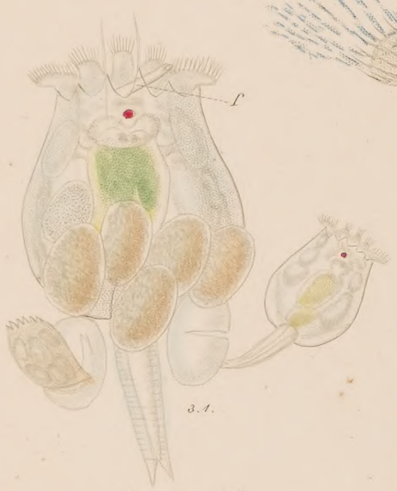
I. N. *quadricornis* – 1/10‴. II. A. *quadridentata* – 1/10‴. III. A. *Squamula* – 1/18‴. IV. A. *falculata* – 1/12‴. V. A. *curvicornis* – 1/18‴. VI. A. *biremis* – 1/10‴. VII. A. *striata* – 1/10‴. VIII. A. *inermis* – 1/12‴. IX. A. *acuminata* – 1/10‴. X. A. *foliacea* – 1/15‴. XI. A. *stipitata* – 1/18‴. XII. A. *Testudo* – 1/18‴. XIII. A. *serrulata* – 1/18‴. XIV. A. *aculeata* – 1/8‴. XV. A. *valga* – 1/18‴.

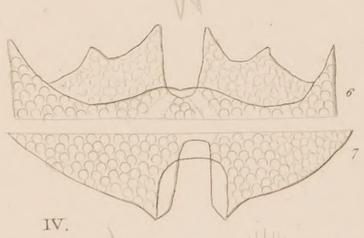
gez. v. Ehrenberg. *gest. v. C. E. Weber.*



I.

II.

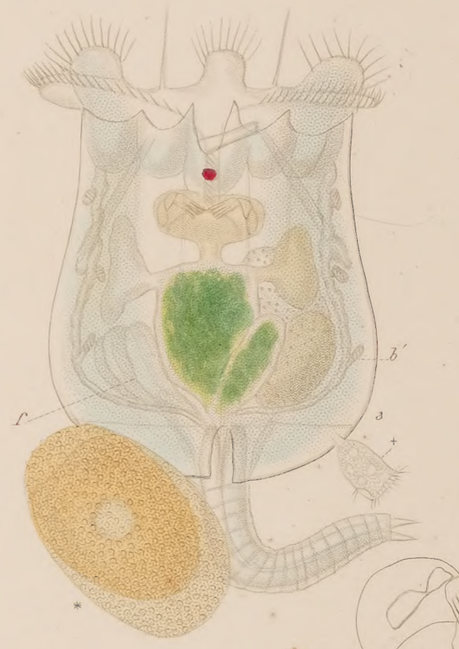




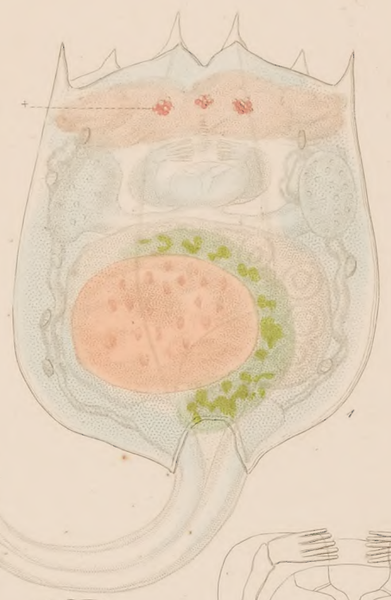
IV.

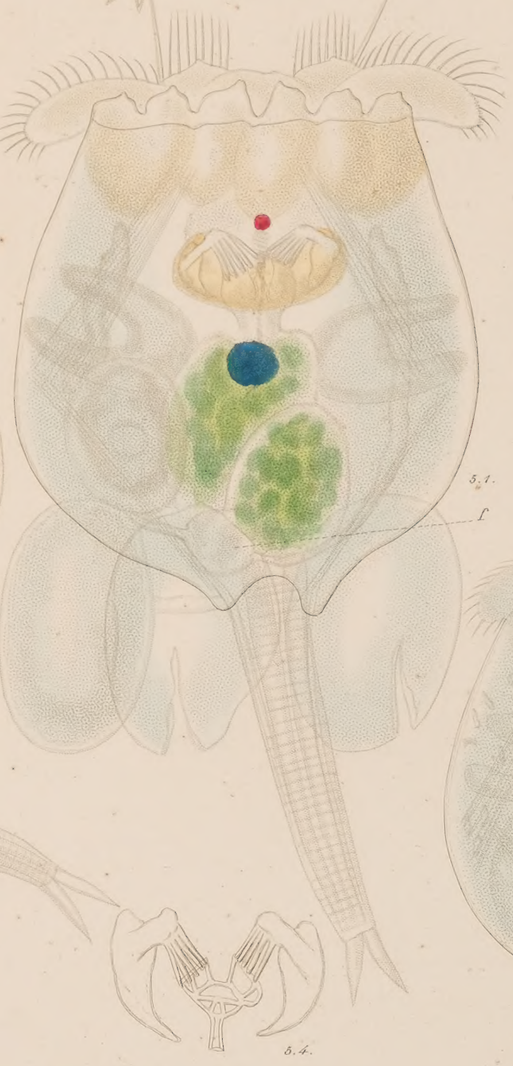
V.

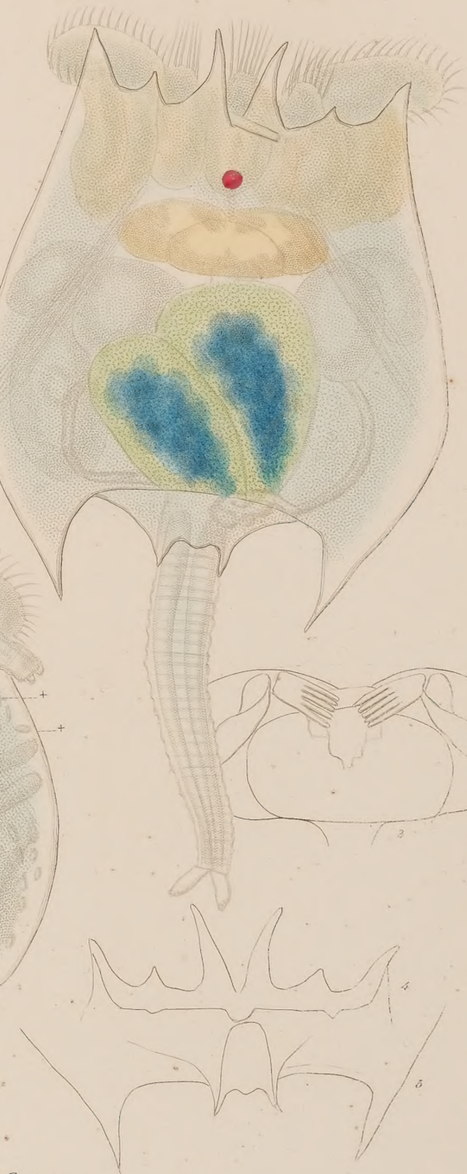
III.



VI.







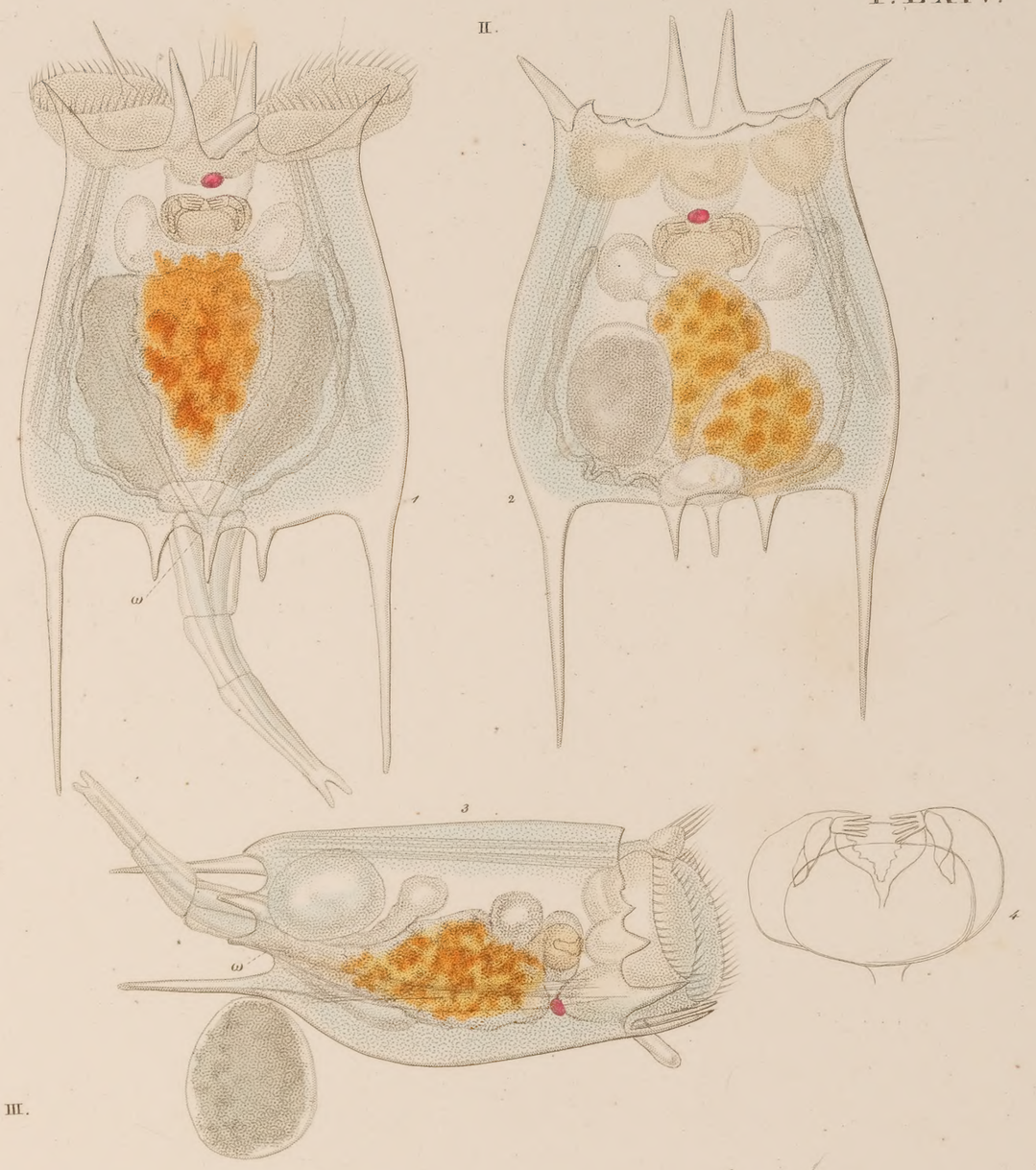
BRACHIONUS.

I. B. *Pala* – 1/3‴. II. B. *amphiceros* – 1/6‴. III. B. *urceolaris* – 1/6‴. IV. B. *rubens* – 1/6‴. V. B. *Mülleri* – 1/3‴. VI. B. *brevispinus* – 1/3‴.

gez. v. Ehrenberg. gest. v. C. E. Weber.

I.

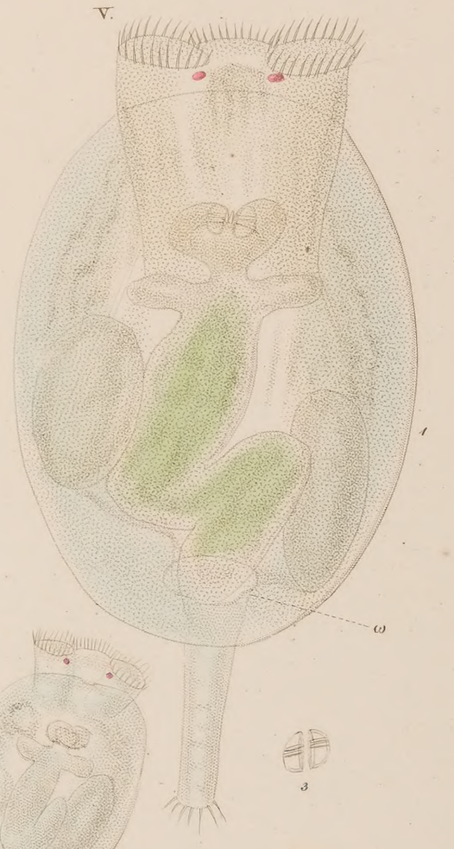
II.



III.

IV.

V.



VI.

I–III. BRACHIONUS. IV–VI. PTERODINA.

I. B. *Bakeri* – 1/10‴. II. B. *polyacanthus* – 1/8‴. III. B. *militaris* – 1/10‴. IV. PT. *Patina* – 1/10‴. V. PT. *elliptica* – 1/9‴. VI. PT. *clypeata* – 1/12‴.

gez. v. Ehrenberg. *gest. v. C. E. Weber.*